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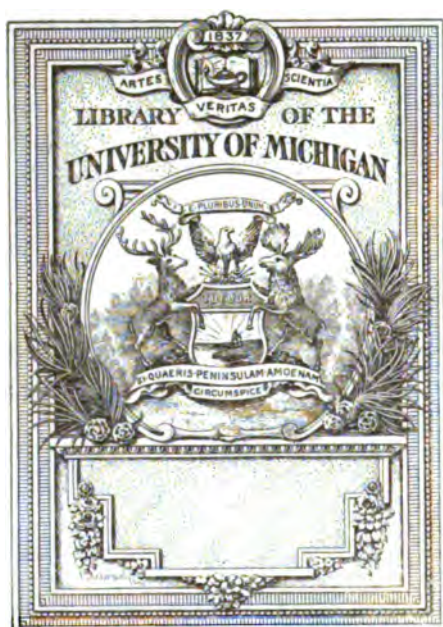
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STATE OF NEW YORK.

DEPARTMENT OF AGRICULTURE.

The Report of the Commissioner of Agriculture, for 1898, consists of three volumes, as follows:

Volume I. Sixth Annual Report of the regular work of the Department of Agriculture, as required by section 5 of chapter 338 of the Laws of 1893.

Volume II. Tenth Annual Report of the State Weather Bureau, and Eleventh Annual Report of the Cornell University Agricultural Experiment Station, made to the Commissioner of Agriculture in compliance with the provisions of section 87 of chapter 338 of the Laws of 1893.

Volume III. Seventeenth Annual Report of the New York Agricultural Experiment Station, made to the Commissioner of Agriculture in accordance with the provisions of section 85 of chapter 338 of the Laws of 1893.

TRANSMITTED TO THE LEGISLATURE APRIL 28, 1899

WYNKOOP HALLENBECK CRAWFORD CO.,
STATE PRINTERS,
NEW YORK AND ALBANY
1899.

STATE OF NEW YORK.

DEPARTMENT OF AGRICULTURE.

SIXTH ANNUAL REPORT

OF THE

COMMISSIONER OF AGRICULTURE

FOR THE YEAR 1898.

TRANSMITTED TO THE LEGISLATURE APRIL 28, 1899

WYNKOOP HALLENBECK CRAWFORD CO.,
STATE PRINTERS,
NEW YORK AND ALBANY
1899.

STATE OF NEW YORK.

No. 74.

IN ASSEMBLY,

APRIL 28, 1899.

SIXTH ANNUAL REPORT

OF THE

Commissioner of Agriculture.

To the Honorable the Legislature of the State of New York:

In accordance with the provisions of the statutes relating thereto, I have the honor to herewith transmit the Sixth Annual Report of the work of the Department of Agriculture of the State of New York for the year ending September 30, 1898.

CHARLES A. WIETING,
Commissioner of Agriculture.

DEPARTMENT OF AGRICULTURE.

Commissioner.

CHARLES A. WIETING, Cobleskill, N. Y.

Assistant Commissioners.

First DivisionGEORGE L. FLANDERS,
Albany, N. Y.

Second DivisionFREDERICK J. H. KRACKE,
No. 317 Washington Market, New York, N. Y.

Third DivisionEBENEZER J. PRESTON,
Amenia, N. Y.

Fourth DivisionT. JAMES OWENS,
Steuben, N. Y.

Fifth DivisionS. BROWN RICHARDSON,
Lowville, N. Y.

Sixth DivisionCHARLES T. RUSSELL,
Munnsville, N. Y.

Seventh DivisionVERLETT C. BEEBE,
Arcade, N. Y.

Eighth DivisionWILLIAM T. HUGHES,
Room 221, Powers' Block, Rochester, N. Y.

Ninth DivisionASA L. TWITCHELL,
Springville, N. Y.

Tenth DivisionJAMES P. CLARK,
Falconer, N. Y.

REPORT.

In submitting this, the Sixth Annual Report of the Department of Agriculture, permit me to call your attention to the fact that, by legislation during the Session of 1898, your honorable body has increased the work of this Department to a considerable extent, so that it now stands charged with the enforcement of several laws in addition to the ones upon the statute books prior to the year above named.

Those referred to as having been passed during the Session of 1898 are the so-called "San José Scale" law, being chapter 482 of the Laws of that year, relating to the prevention of disease among fruit trees and nursery stock; the so-called "Bob Veal" law, being chapter 491 of the Laws of that year, relating to the sale and transportation of calves; chapter 412, Laws of that year, entitled: "An Act to prevent the adulteration of and deception in the sale of linseed or flaxseed oil;" chapter 194, Laws of that year, entitled: "An Act to prevent the adulteration of maple sugar and maple syrup, and chapter 113 of the Laws of that year, entitled "An Act amending the Agricultural Law, to prevent fraud in the sale of Paris green;" so that the work of the Department now is comprised under the following heads:

1. To provide butter and cheese experts to give instruction in the art of making uniform first-class butter and cheese.
2. Providing against the sale of impure milk or the delivery to factories or creameries of impure, unhealthy or unwholesome milk.
3. To provide against keeping of cows for the production of milk for sale or exchange in a crowded or unhealthful condition, and against feeding such cows on distillery waste, or on any substance that will produce unwholesome or unhealthful milk.

4. Regulating the sale of condensed milk.
5. Providing against the manufacture and sale of imitation butter and its use in boarding-houses and places of public entertainment.
6. Providing against the manufacture and sale of imitation cheese.
7. Providing for branding full-cream cheese as "New York State Full-Cream Cheese," and against falsely branding cheese.
8. Providing against the manufacture and sale of adulterated or imitation vinegar.
9. Providing for the suppression of infectious and contagious diseases among domestic animals, except tuberculosis and glanders.
10. Providing for the prevention of disease among bees.
11. Providing for the prevention and suppression of contagious and infectious diseases in fruit trees, plants, etc.
12. Providing against the manufacture and sale of Paris green, except as provided in the statute.
13. Providing for the encouragement of the sugar beet culture and the manufacture of beet sugar in the State.
14. Providing against the manufacture and sale of adulterated linseed or flaxseed oil.
15. Providing against the selling of "bob veal," i. e., meat from calves under four weeks of age, or from calves that were diseased at the time of killing.
16. Providing for the distribution of moneys to the agricultural societies of the State for the promotion of agriculture.
17. Relative to Farmers' Institutes.
18. Providing against selling adulterated or imitation maple syrup or maple sugar.
19. To exercise such supervision as is provided relative to the New York State Agricultural Experiment Station, and the Agricultural Experiment Station at Cornell University, and the State Weather Bureau.

CHEESE INSTRUCTION.

During the present cheese season I have had three experts working all, and four a portion of the time. Nearly all the makers of full-cream cheese in this State are using the New York State full-cream cheese brand. I believe it is safe to say that at the present time New York State full-cream cheese is selling upon the market for more money than like cheese manufactured anywhere in this country. We are now producing a uniform, first-grade article and are branding it as such, but are fearful of the results that may follow from counterfeiting. It is a fact that dealers in other States are procuring *fac similes* of our full-cream cheese brands, placing them, not only upon cheese made elsewhere than in the State of New York, but also too frequently upon cheese of an inferior quality. I have such evidence of this that I can no longer doubt it. As an instance: An agent of this Department found cheese on sale in a southern market bearing the New York State full-cream cheese brand No. 148. A diligent inquiry elicited the information that the cheese was bought in Chicago. That brand, No. 148, has not been issued from this office for five years and the cheese upon which it was used was much younger than that. This condition of things ought not to be allowed to prevail, as it will have a tendency to discourage the production of the class of cheese most desirable, by allowing unscrupulous dealers to rob the cheese makers of this State of a reputation which they have acquired at a cost of much time and labor. I am satisfied that the only way this abuse can be stopped is by the National government passing an act that will, in some way, stop the false branding of such goods as to the States in which they are made. If this can be done, then it leaves the field open for the producers in any State to make as good a reputation and maintain as high a standing in the market as they may desire. I believe this to be in the line of good public policy.

I have taken the liberty of calling the attention of the Congressmen and Senators from this State to that fact, and I find that they

have put forth such efforts as conditions and their time would permit toward the enactment of such a law. A bill was introduced in Congress, but did not pass, providing that the Governor of each State might register a trade-mark at Washington, D. C., which might be used upon goods manufactured within that State and upon none other. It is believed that this measure, if enacted into a law, would produce the desired result relative to this mis-branding as to the State where made.

CHEESE BRANDS.

Cheese brands have been issued to the following factories during the year:

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR ENDING SEPTEMBER 30, 1898,
BY COUNTIES.

ALLEGANY COUNTY.

NAME OF FACTORY.	Applicant.	Post-office.
Allen	A. E. Perry	Belfast.
Allentown	J. B. Howden	Allentown.
Andover	F. W. Snyder	Andover.
Angelica B. & C. Mfg. Co.	H. S. Hastings	Angelica.
Angelica Union	O. F. Potter	Angelica.
Babbitt	Mrs. J. A. Hogg	Hume.
Baker	Jas. A. Baker	Angelica.
Barr	J. P. Barr	Friendship.
Beach Hill	R. C. Alsworth	Shongo.
Belfast	A. E. Perry	Belfast.
Bishopville	Geo. E. Cole	Bishopville.
Black Creek	M. J. Dunn	Black Creek.
Brookside	M. E. Gordon	Rushford.
Caneades	Young & Young	Fillmore.
Canaseraga	Young & Young	Fillmore.
Centreville	E. L. Jones	Delevan.
Clarkville Centre	M. M. Congdon	West Clarksville.
Collins	Cornelius Greene	Alfred.
Crowner	Wm. H. Wahl	Elm Valley.
Cryder Creek	Hakes & Boyce	Wellsville.
Cuba Village	A. S. Thompson	Cuba.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—ALLEGANY COUNTY—(Continued).

NAME OF FACTORY.	Applicant.	Post-office.
East Friendship	John Costello	Friendship.
East Grove	Wm. Kuder	Whitney's Crossing.
East Valley	T. G. Brown	Andover.
Elm Valley	U. W. Stratton	Elm Valley.
Empire	H. E. Osgood	Galen.
Fenner's Home	E. P. Fenner	Alfred Station.
Fillmore	Young & Young	Fillmore.
Five Corners	H. E. Fenner	Alfred.
Ford's Brook	Allie McKinley	Standards.
Forest	M. M. Congdon	West Clarksville.
Friendship	M. W. Hobart	Friendship.
Genesee	Raymond & Wirt	Little Genesee.
Genesee Valley	B. D. Willard	East Randolph.
Hall's	A. E. Hall	Scio.
Hallsport	T. J. Carmody & Co.	Cuba.
Hardy's	Chas. E. Pettit	Rushford.
Hartrum	J. M. Hartrum	Andover.
Houghton	P. B. Loftis	Houghton.
Hume	Young & Young	Fillmore.
Inavale	Len Newton	Inavale.
Independence	Alfred W. Stone	Independence.
Kardale	Walter McHenry	Almond.
Kelloggville	F. W. Hogg	Rushford.
Keystone	J. R. Lamont	Aristotle.

Keller Hill	A. J. Reynolds	Cuba.
Knight's Creek	John L. Coyle	Scio.
Lafferty	Jas. Loftis	Cuba.
McHenry Valley	Sam Cornelius	Alfred.
McGrawville	F. W. Hogg	New Hudson.
Maple Grove	Frank J. Closser	Allen.
Marshall	A. E. Perry	Belfast.
Mill's Mills	A. L. Boller	Hume.
Mt. Monroe	Chas. E. Pettit	Rushford.
New Hudson Centre	E. L. Van Skoit	Black Creek.
North Branch	F. W. Harbeck	Friendship.
Oramel	A. E. Perry	Belfast.
Petrolia	W. A. Dodge	Petrolia.
Piatt	Fred R. Piatt	Angelica.
Podonque	A. L. Olthof	Rushford.
Pleasant Valley	O. S. Fenner	Alfred Station.
Phillips Creek	Ockerman & Co.	Phillips Creek.
Rawson	Alex. Dunn	Rawson.
Rice	J. P. Barr	Friendship.
Richburg	F. J. Brown	Richburg.
Rockville	A. E. Perry	Belfast.
Rush Creek	Yung & Young	Fillmore.
Scio	Mrs. H. A. Bliven	Scio.
Shongo	Young & Young	Fillmore.
Shongo	R. O. Alsworth	Shongo.
Short Tract	Young & Young	Fillmore.
Slater Creek	Chas. S. Swain	Canaseraga.
South Andover	Arthur M. Mingas	Andover.
So. Bolivar	B. F. Hayward	South Bolivar.
South Cuba	G. S. Marsh	Cuba.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—ALLEGANY COUNTY—(Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Spring Brook	M. J. Dunn	Black Creek.
Spring Mills	C. L. Richardson	Spring Mills.
Star	Mrs. J. A. Hogg	Hume.
Storm Spring	Young & Young	Fillmore.
Summit Dale	A. C. Baker	Alfred.
Transit Bridge	A. E. Perry	Belfast.
Trapping Brook	Mary J. Mead	Wellsville.
Turnpike	J. C. Vincent	Almond.
Union	Young & Young	Fillmore.
Vandermark No. 1	G. E. Dodge	Scio.
Vandermark No. 2	G. E. Dodge	Scio.
West Almond	Alfred Fletcher	West Almond.
West Branch	James & Kendall	Rushford.
West Burns	W. E. Childs	Whitney's Crossing.
West Hill	Jas. McMurtry	Caneadea.
West Nile	Henry Wyant	Nile.
White Creek	W. E. Wilkinson	Belfast.
Wildman	C. H. Austin	Whitesville.
Wirt Centre	J. Costello	Wirt Centre.
Wiscony	Young & Young	Fillmore.
Withey	W. J. Guill	Withey.

BROOME COUNTY.

Barker	M. Z. Tutthill	Itaska.
Hurd	Frank Delong	Harpersville.
Locust Brow	J. W. Merchant	Whitney's Point.
North Fenton	C. H. Paddleford	North Fenton.
West Windsor	Dewitt Hall	West Windsor.

CATTARAUGUS COUNTY.

Abbott No. 2	O. J. Folts	Ischua.
Abbott's Union	Thos. L. McVey	Abbott's.
Ashford	J. R. Zetwick	Ashford.
Axville	O. S. Wright	East Randolph.
Barber	Wm. H. Klens	Otto.
Beaver Meadows	J. W. Clair	Springville.
Bellows	A. B. Neff	Ashford.
Bigelow	J. W. Clair	Springville.
Block	J. W. Clair	Springville.
Broadway	S. D. Vance	East Concord.
Bullock	Geo. E. Hogg	Franklinville.
Canada Hill	A. B. Neff	Ashford.
Champtin	W. M. Champtin	Little Valley.
Cold Spring	N. Y. Milk Product Co.	Randolph.
Cottage	John Olivey	Cottage.
Demmons	J. W. Clair	Springville.
Doublemill	E. D. Morey	Elkdale.
Dutch Hill	M. N. Costello	Hinsdale.
Eagle	Ahrens & Zetwick	East Otto.
East Otto	Ahrens & Zetwick	East Otto.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC. - CATTARAUGUS COUNTY -- (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
East Valley	G. O. Wulff	Orlando.
Elgin	S. M. Fisher	Elgin.
Elkdale	E. D. Morey	Elkdale.
Elko	M. D. Holt	Tunessa.
Ellicottville	E. C. Alswerth	Ellicottville.
Elm Creek	D. R. Cowan	East Randolph.
Fairview	D. L. Hooper	Fairview.
Farmersville No. 1	C. E. Wright	Laidlaw.
Farmersville No. 2	C. E. Wright	Laidlaw.
Fay Hollow	M. N. Costello	Hinsdale.
Five Mile Union	E. D. Bennett	Allegheny.
Five Points	J. W. Clair & Co.	Little Valley.
Fox	J. W. Clair	Springville.
Franklinville No. 1	E. H. Farrington	Franklinville.
Franklinville No. 2	E. H. Farrington	Franklinville.
Franklinville No. 3	E. H. Farrington	Franklinville.
Franklinville No. 4	E. H. Farrington	Franklinville.
Franklinville No. 5	E. H. Farrington	Franklinville.
Franklinville No. 6	E. H. Farrington	Franklinville.
Franklinville No. 7	E. H. Farrington	Franklinville.
Franklinville No. 8	E. H. Farrington	Franklinville.
Franklinville No. 10	E. H. Farrington	Franklinville.
Franklinville No. 11	E. H. Farrington	Franklinville.
Franklinville No. 12	E. H. Farrington	Franklinville.

Franklinville No. 13	F. H. Farrington	Franklinville.
Franklinville No. 14	E. H. Farrington	Franklinville.
Franklinville Star	Fred. A. Williams	Franklinville.
Franktown	A. B. Neff	Ashford.
Freedom	S. J. Owens	Freedom.
Ganpp No. 1	J. Ganpp & Sons	Randolph.
Glen Brook No. 1	John F. Jenkel	Ellicottville.
Glen Brook No. 2	John F. Jenkel	Ellicottville.
Glen Brook No. 3	John F. Jenkel	Ellicottville.
Grand Central	E. E. McNall	Franklinville.
Green Mountain	Will Wulff	Ellicottville.
Hamilton Hill	P. J. Pettit	Haskell Flats.
Haskell	P. J. Pettit	Haskell Flats.
Highland	W. A. Hopkins	Conewango.
Hill Top Farm	E. T. Ryder	Gowanda.
Hinsdale	W. L. Hogg	Hinsdale.
Holmes	F. W. Holmes	Otto.
Home	Jas. N. Brown	Cuba.
Humphrey, L. B.	L. B. Humphrey	Portville.
Ischua	Edwin S. Moses	Ischua.
Lamb	J. W. Clair & Co.	Machias.
Lebanon	H. C. Peaslee	East Randolph.
Leon	John McAdam	Leon.
Leon Union	H. A. Damon	Conewango Valley
Lime Brook No. 1	P. F. Jark	Otto.
Lime Brook No. 3	P. F. Jark	Otto.
Lime Brook No. 4	P. F. Jark	Otto.
Little Valley	J. W. Clair & Co.	Little Valley.
Lower Haskell	Jas. J. Kirby	Olean.
Lyndon	Thos. Case	Franklinville.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—CATTAUGUS COUNTY—(Continued).

NAME OF FACTORY.	Applicant.	Post-office.
McKinstry	E. L. Jones	Delevan.
Maple Grove	Geo. W. Haskell	Sandusky.
Marble Springs	E. L. Jones	Delevan.
Maynard	Ahrens & Zetwick	East Otto.
Napier	J. S. Cornwell	Leek.
Nine Mile Union	Michael Zister	Allegany.
North Leon	J. Dorsey	Wesley.
North Leon	A. D. Ackler	Leon.
North Napoli	J. W. Clair & Co.	Little Valley.
North Valley	Anson Fuss	Little Valley.
Otto Crescent	E. T. Ryder	Gowanda.
Perrysburgh	L. H. Wood	Perrysburgh.
Plato	John H. Wulff	Plato.
Pleasant Valley	L. F. Ingalls	Cuba.
Pullman	J. W. Clair & Co.	Little Valley.
Randall	J. W. Clair & Co.	Little Valley.
Randolph No. 1	W. Carpenter & Sons	East Randolph.
Randolph No. 2	W. Carpenter & Sons	East Randolph.
Randolph No. 3	W. Carpenter & Sons	East Randolph.
Randolph No. 4	W. Carpenter & Sons	East Randolph.
Randolph No. 5	W. Carpenter & Sons	East Randolph.
Red House	Mrs. H. J. Marsh	Red House.
Riceville	A. B. Neff	Ashford.
Rock Spring Union	Chas. Smith, Jr.	Ashford.

Ross No. 1	A. Ross & Co.	Gowanda.
Ross No. 2	A. Ross & Co.	Gowanda.
Sandusky No. 1	J. B. Lewis	Sandusky.
Sandusky No. 2	J. B. Lewis	Sandusky.
Sandusky No. 3	J. B. Lewis	Sandusky.
Sandusky No. 5	J. B. Lewis	Sandusky.
Sandusky No. 9	J. B. Lewis	Sandusky.
Sandusky No. 12	J. B. Lewis	Sandusky.
Schwertze	A. B. Neff	Ashford.
South Napoli	J. W. Clair & Co.	Little Valley.
Spring Brook No. 1	C. J. Busekist	New Albion.
Spring Brook No. 2	C. J. Busekist	New Albion.
Spring Brook No. 3	C. A. Packlam	Otto.
Spring Brook No. 4	H. J. Gould	Cattaraugus.
Spring Brook No. 6	C. J. Busekist	New Albion.
Spring Valley	W. T. Peaslee & Son	East Randolph.
Stone	S. M. Fisher	Elgin.
Story	Luther Story	Cold Spring.
Tarbell's Farm Dairy	M. O. Tarbell	Farmersville Station.
Union	Ahrens & Zetwick	East Otto.
Van Brunt	A. Van Brunt	Carroll.
Vedder's Corners	J. M. Zeilman	Plato.
Vinton	E. C. Alsworth	Ellicottville.
Wesley	A. Howard	Wesley.
West Branch Union	L. W. Howden	Allegheny.
West Farmersville	S. A. Peavy	Great Valley.
West Machias	J. W. Clair	Springville.
West Valley	J. W. Clair	Springville.
Wilber's Allegheny No. 15	H. M. Wilber	Allegheny.
Williams Hill	J. W. Clair & Co.	Little Valley.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.-- CATTARAUGUS COUNTY-- (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Yorkshire Centre	E. E. Reese	Delevan.
Yorkshire Centre No. 3	E. L. Jones	Delevan.
Yorkshire Centre No. 4	E. L. Jones	Delevan.
Yorkshire Centre No. 8	E. L. Jones	Delevan.
CAYUGA COUNTY.		
Cato	Will Whitney	Jordan.
Como	Arthur Glover	Como.
Moravia	M. B. Devinney	Moravia.
Slone	H. E. Slone	Kelloggsville.
CHAUTAUQUA COUNTY.		
Abbey	E. L. Lewis	Hamlet.
Alden	A. D. Alden	Sinclairville.
Arkwright Centre	Frank W. Horton	Arkwright.
Arkwright Union	T. A. Lewis	Cassadaga.
Bemus Point	Frank J. Wheeler	Bemus Point.
Blockville	G. H. Burlage	Blockville.
Canadua	F. E. White	Griswold.
Centralia	N. O. Waterman	Centralia.
Charlotte Centre	M. R. Tarbox	Charlotte Centre.
Charlotte Centre	Edwin F. Lake	Charlotte Centre.
Cold Spring	G. W. Colgrove	Hartfield.

Days	A. E. Day	South Dayton.
Dean	O. H. Marsh	Stockton.
Denison	E. L. Crofoot	Sinclairville.
Ellery	Cowden Bros.	Ellery.
Ellington No. 1	E. F. Rowley	Kennedy.
Ellington No. 2	E. F. Rowley	Kennedy.
Ellington No. 3	E. F. Rowley	Kennedy.
Ellington No. 4	E. F. Rowley	Kennedy.
Ellington No. 5	E. F. Rowley	Kennedy.
Ellington No. 6	E. F. Rowley	Kennedy.
Ellington No. 8	E. F. Rowley	Kennedy.
Forestville	L. Stanley	Forestville.
Goshen	J. J. Colwell	Bear Lake, Pa.
Grant	F. Wesley Engle	Broken Straw.
Laona Butter & Cheese Co.	S. G. Bartlett	Laona.
Lewis	S. W. Lewis	Stockton.
Linwood	D. H. Thompson	Randolph.
Maple Hill	Deloss Tanner	Hamlet.
Mayville	M. T. Wakefield	Mayville.
Moons	I. N. Gampp	Moons.
Nashville	C. Montgomery	Nashville.
Red Bird	A. D. Alden	Sinclairville.
Rood	Rood & Reed	Sinclairville.
Scotch	Robt. McCubbin	Stockton.
Sinclairville	Burt Carpenter	Sinclairville.
Smith's Mills No. 1	F. A. Brigham	Smith's Mills.
Summerdale	H. C. Moore	Summerdale.
Villanova	H. S. Sweetland	Villanova.
West Ellery	Frank W. Stowell	Bemus Point.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—CHENANGO COUNTY — (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Amblerville	Empire Cheese Co.	New Berlin.
Beaver Meadow	Ed. F. Smith	South Plymouth.
Billings	A. S. Hay	Earlville.
Church	Church Bros.	Afton.
Cottage	Wm. Casey	Sherburne.
Cowles	Geo. D. Cowles	Greene.
Davis	Chas. H. Davis	Pharsalia.
Deer Lake Creamery	Will C. Moulton	Norwich.
Deer Spring	G. O. Stiles	Tyner.
Elm Shade	Lewis N. Gage	South New Berlin.
Empire	B. E. Holcomb	Oxford.
Empire State Dairy Co.	Empire State Dairy Co.	Brooklyn.
Excelsior	C. H. Southard	East McDonough.
Harbor	H. C. Brockway	Richfield.
Harrisville	A. H. Dart	Sherburne.
Hillside	Andrew Graham	Sherburne.
Johnson	L. A. Gross	Greene.
Jordon, I. C. & Co.	Empire State Dairy Co.	Brooklyn.
Kirk	H. J. Borden	Plymouth.
Lincklaen Centre	A. Harris	Lincklaen Centre.
McDonough	C. H. Southard	East McDonough.
Mariposa	Wallace Preston	Mariposa.
Marcy	L. A. Gross	Greene.
Mill Brook	C. H. Southard	East McDonough.

North Guilford	Dan Wolfe	Guilford.
North Pitcher	Frank E. Coats	North Pitcher.
Otselic	Frank Brown	Otselic.
Page Brook	B. T. Osborne	Greene.
Plymouth	H. J. Borden	Plymouth.
Preston	C. H. Southard	East McDonough.
Reynolds	W. S. Reynolds	Smyrna.
Rock Spring	Fred H. Wilcox	Columbus.
Sherburne	E. Langworthy	Earlville.
Silver Spring	Grover G. Robinson	Sherburne.
Smith	Levern Smith	Guilford.
Smithville Centre	C. H. Southard	East McDonough.
Smyrna Hill	Geo. W. Crumb	Smyrna.
So. Otselic	H. C. Dutton	South Otselic.
South Plymouth	Edward F. Smith	South Plymouth.
Todd	S. W. Howard	Sherburne.
Trestle	Mutual M. & C. Co.	New York city.
West Bainbridge	Bentley & Clark	Bainbridge.
Wood's Corners	O. A. Weatherly	Norwich.

CLINTON COUNTY.

Peru	A. D. Boomhower	Plattsburgh.
Smithdale	A. D. Boomhower	Plattsburgh.

CORTLAND COUNTY.

Bear Spring	A. C. Clark	Solon.
Belknap	Geo. Salisbury	Upper Lisle.
Bosch, John & Son	E. M. Matthews	Blodgett's Mills.
Blodgett's Mills	W. A. Spencer	Blodgett's Mills.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—CORTLAND COUNTY—(Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Cold Spring	C. L. Spencer	Virgil.
Crystal Spring	Maybury & Kenfield	McGraw.
Curtis	Albert Curtis	Chenango.
Cuyler Milk Station	Henry Arnstein	Cuyler.
Dairyman's Union	Peter D. Miller	Truxton.
East Freedom	L. H. Matthews	East Freedom.
Holenbeck	Seymour Holenbeck	Texas Valley.
Homer West Hill	J. S. McMaster	Homer.
House	John C. House	Marathon.
Kenney	M. S. Allen	Mill Strip.
Kesler	Chauncey Kesler	Marathon.
Maple Grove	Geo. E. Dodd	Truxton.
Meacham	J. W. Hallock	Marathon.
North Solon	C. W. Ellis	McGraw.
Otselic Valley	Chas. A. Rocks	Upper Lisle.
Scott	H. E. J. Potter	Scott.
Sears	Frank H. Sears	Cortland.
South Valley	Geo. Martin	McGraw.
Tarbox	A. Tarbox	Marathon.
Taylor	Isaiah Baldwin	Taylor.
Truxton	Wm. McAdam	Truxton.
Virgil Spring	D. E. Stillman	Virgil.
Wightman's	Homer Wightman	Marathon.
Willett	W. E. Beardslee	Willett.

DELAWARE COUNTY.

Arctie	Wm. F. Stringer.	Treadwell.
Cold Spring	Wm. F. Stringer.	Treadwell.

ERIE COUNTY.

Chaffee	Franklinville Cheese Co.	Chaffee.
Clear Creek No. 1	J. C. Brigham	Collins.
Clear Creek No. 2	J. C. Brigham	Collins.
Cloverland	J. S. Simons	Sardinia.
Colden Centre	Richardson, Beebe & Co.	East Aurora.
Collins Centre	S. D. Vance	East Concord.
Dye	J. W. Clair	Springville.
East Branch	S. D. Vance	East Concord.
Erie No. 1	Geo. Karr	Collins.
Frye	J. W. Clair	Springville.
Glenwood	S. D. Vance	East Concord.
Gowanda	S. D. Vance	East Concord.
Henshaw	J. W. Clair	Springville.
Langford	S. D. Vance	East Concord.
Lawton's	S. D. Vance	East Concord.
Matteson's	Franklinville Cheese Co.	Chaffee.
Newton	Franklinville Cheese Co.	Sardinia.
North Colden	Richardson, Beebe & Co.	East Aurora.
Prairie Queen	I. A. M. Skuse	Collins Centre.
Protection	Richardson, Beebe & Co.	East Aurora.
Richmond	J. W. Clair	Springville.
Rider	J. W. Clair	Springville.
Ross No. 2	A. Ross & Co.	Gowanda.
Scrabble Hill	S. D. Vance	East Concord.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—ERIE COUNTY.—(Continued).

NAME OF FACTORY.	Applicant.	Post-office.
South Branch	S. D. Vance	East Concord.
South Colden	Richardson, Beebe & Co.	East Aurora.
Springville	J. W. Clair	Springville.
Tabor	S. D. Vance	East Concord.
Townsend Hill	J. W. Clair	Springville.
West Concord	S. D. Vance	East Concord.
Woodside No. 1	T. E. Moore	Morton's Corners.
Woodside No. 2	T. E. Moore	Morton's Corners.
Wyandale	S. D. Vance	East Concord.
FULTON COUNTY.		
Bennett	J. O. Bennett	Emmonsburgh.
Crum Creek	W. H. Yourken	Ingham Mills.
Ephratah	Burton Walts	Ephratah.
Willow Creek	Albert N. Getman	Ephratah.
Zimmerman Creek	Eugene Failing	St. Johnsville.
GENESEE COUNTY.		
Byron	H. C. Norton	Byron.
Excelsior No. 8	M. D. Winchester	Attica.

HERKIMER COUNTY.

Arnold	Julia L. Ives	Little Falls.
Banner	C. G. Babcock	Newport.
Bartow Hill	J. W. Ford	Fairfield.
B. & H.	J. A. Irwin	Edicks.
Black Creek	D. Darling	Gray.
Brockett & Carley	N. S. Brockett	Dolgeville.
Burt Grove	Delos M. Burt	Little Falls.
Bush	L. Springer	Deck.
Casler	Philo W. Casler	Little Falls.
Cedar Lake	J. L. Carver	Cedar Lake.
Cedarville	Grant Hollenbeck	Cedarville.
Cedarville Milk Station	H. D. Jones	Winfield.
Clover Dale	Julia L. Ives	Little Falls.
Clover Leaf	Brown Bros.	Newport.
Clover Leaf	Julia L. Ives	Little Falls.
Clover Valley	C. A. Ford	Little Falls.
Cold Brook	E. D. Conner	Cold Brook.
Cold Creek	Isaac Fox	Dolgeville.
Cold Spring	T. B. Quinlavin	Litchfield.
Columbia Centre	N. J. Harter	Columbia.
Comstock	Stephen Comstock	Salisbury.
Cook, Ives & Co.	Andrew Lambert	Salisbury.
Countryman	G. Veitch	Countryman.
Craine Corners	T. C. Swift	Jordanville.
Cramer's Corners	C. N. Smith	Fort Plain.
Davis, A.	Chas. Davis	Little Falls.
Denison	Mrs. M. Getman	Mohawk.
Deering Ridge	R. G. Starkweather	Jordanville.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.- HERKIMER COUNTY - (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
East Schuyler	S. P. Lints, Jr.	East Schuyler.
Eaton	W. H. Eaton	Herkimer.
Eatonville	T. H. Dapson	Little Falls.
Eggleston, O. E., No. 1	O. E. Eggleston	West Winfield.
Elizabethtown	A. E. De Garino	Ilion.
Elm Grove	Payette Wagoner	Minden.
Fairfield Ass'n	T. Atkins	Little Falls.
Fairfield Centennial	Alex. McKerrow	Middleville.
Farm Dairy	Wm. Strobel	Cold Brook.
Fink's Basin	D. H. Burrell & Co.	Little Falls.
Fort Herkimer Union	J. J. Steele	Herkimer.
Frankfort	M. K. Ellsworth	Frankfort.
Fulmer Creek	A. R. Petrie	Mohawk.
Garline	Seaman Garline	Little Falls.
Getman, M.	Mrs. M. Getman	Mohawk.
Gilt Edge	E. C. Hall	Frankfort.
Gray	A. E. Snyder	Gray.
Griswold Farm Dairy	John Carney	Middleville.
Gulph	Jas. Donahoe	Gulph.
Hassenclever	W. J. Fitzgerald	Newport.
Henderson Ass'n	T. C. Swift	Jordanville.
Herkimer	Wm. Kreuger	Herkimer.
Herkimer Co. Southern	Fenton Borst	Van Hornesville.
Hickory Grove	Wm. F. Lansing	Little Falls.

Hill	L. G. Rankin	Little Falls.
Hillsdale Farm	Lewis Strobel	Cold Brook.
Hill Side	D. D. Crim	Paine's Hollow.
Hinckley	E. H. Hughes	Gravesville.
Home Dairy	Homer Finster	East Schuyler.
Jones, E. E.	E. E. Jones	Frankfort.
Jordanville	T. C. Swift	Jordanville.
Kast Bridge	Alvin Countryman	Herkimer.
Kehler, A.	Willard Keller	Little Falls.
King	Jas. H. Ives	Little Falls.
Lanning	W. B. Lanning	Russia.
La Rue	L. A. La Rue	Little Falls.
Little Falls	Chas. Shant	Little Falls.
Little Lakes	H. O. Brockway	Richfield.
McArthur, D.	Daniel McArthur	Grant.
McNierney	Jos. McNierney	Newport.
McVoy, R. S.	R. S. McVoy	Cold Brook.
Manheim Cold Spring	John C. Fox	Ingham's Mills.
Maple Grove	John W. Windecker	Little Falls.
Mather	D. S. Willoughby	Fairfield.
Middleville	A. W. Ford	Middleville.
Miller's Mills	L. J. Miller	Miller's Mills.
Moore, Miles	Miles Moore	Russia.
Morts	M. C. Morts	Mohawk.
Mount's Creek	David C. Strobel	Ohio.
Murphy, J. C.	J. C. Murphy	Norway.
Nellis	Herman E. Nellis	Herkimer.
New Manheim	John Garlock	Little Falls.
Newport Hill	W. A. Brayton	Poland.
Newville	Jacob Zoller	Little Falls.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—HERKIMER COUNTY — (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
No. Litchfield	H. H. Davis	North Litchfield.
No. Winfield No. 1	C. T. Wheelock	West Winfield.
Northwood	J. L. Carver	Cedar Lake.
Norway	H. C. Nichols	Norway.
Norway Association	F. F. Turck	Newport.
Ohio Building Co.'s	T. E. Curtis	Ohio.
Old Fairfield	I. S. Weller	Fairfield.
Old Manheim	Jos. Rice	Manheim.
Old Salisbury	Jephthah Hand	Salisbury.
Paine's Hollow	Geo. H. Van Slyke	Edicks.
Peck, Wm.	Wm. Peck	Salisbury.
Poland	J. B. Read	Poland.
Private Dairy	Mrs. Amelia Hagedorn	Prospect.
Quinlavin	T. B. Quinlavin	Litchfield.
Ransome, O. W.	C. W. Ransome	Dolgeville.
R. & C.	A. H. Rasbach	Herkimer.
Rickard	John Rickard	Cullen.
Rising Star	N. H. Conrad	Paine's Hollow.
Ruby	C. G. Babcock	Newport.
Sand Hill	Geo. L. Wood	Herkimer.
Schuyler Centennial	W. G. Minott	East Schuyler.
Shed Brook	C. G. Babcock	Newport.
Shell's Bush	M. Rasback	Little Falls.
Short Lots	W. W. Richardson	West Schuyler.

Small's Bush	Adam Casler	Little Falls.
Snell's Bush	Jacob Zoller	Little Falls.
Springer	Geo. Springer	Deck.
Spring Stock	S. A. Seymour	Little Falls.
Star	David Gordon	Middleville.
Staring	Gilbert Staring	Deck.
Sterling Creek	O. G. Babcock	Newport.
Sunrise	Giles D. Read	Cold Brook.
Sweet Clover	M. P. Stringer	Russia.
West Schuyler	Wm. Budlong & Son	West Schuyler.
West Winfield	C. Vagts	West Winfield.
Whipple	B. A. Whipple	Van Hornesville.
White Creek	John Baird	Newport.
999	W. McKerrow	Middleville.

JEFFERSON COUNTY.

Allen, H. J.	H. J. Allen	Adams.
Ayers	W. O. Newton	Rices.
Babcock	C. W. Cheney	Sterlingville.
Ball, E.	H. C. Ball	Watertown.
Banner	Salisbury & Peach	Pulaski.
Barott	H. H. Barott	Mannsville.
Bay View	Morris Gould	Pillar Point.
Bickelhaupt's Combination No. 12	A. Bickelhaupt	Redwood.
Bridge	D. D. Cool	Adams.
Brookside	Flanders, Smith & Freeman	Watertown.
Brownville	Chas. Shipman	Brownville.
Bullock	M. H. Bullock	Worthville.
Central	C. C. Mearns	Pillar Point.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC. — JEFFERSON COUNTY — (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Central	Robt. E. Whalen	Wilna.
Champion Village	F. R. Knowles	Champion.
Chaumont	Chaumont Dairy Co.	Chaumont.
Cloverdale	Albert Townsend	Philadelphia.
Cloverdale	A. E. Gove	Pamelia 4 Corners.
Cold Brook No. 2	W. F. Dollinger	Omar.
Cold Spring	C. A. Overacker	Redwood.
Cooper, I. C., No. 1	I. C. Cooper	Theresa.
Cooper, I. C., No. 2	I. C. Cooper	Theresa.
Cooper, I. C., No. 3	I. C. Cooper	Theresa.
Devoir's Corners	Jas. Farley	Carthage.
Douglass	John P. Douglass	Theresa.
Drill Well	O. W. Cheney	Sterlingville.
Eames	H. C. Ames	East Watertown.
East Rodman	F. P. Dunaway	East Rodman.
Empire State	R. P. Grant	Clayton.
Eureka	Chas. B. Arnold	Sackett's Harbor.
Excelsior	Geo. Northup	Perch River.
Fairview	R. P. Grant	Clayton.
Farmers	R. P. Grant	Clayton.
Fillmore Bros.	H. H. & M. M. Fillmore	Woodville.
Five Corners	Merriman & Corey	Black River.
Fox Creek	B. W. Hentz	3 Mile Bay.
Gould	I. H. Phillips	Evans Mills.

Grenadier.	M. J. Fitzgerald	Cape Vincent.
Grindstone	R. P. Grant	Clayton.
Hadsell & Moore	Geo. E. Orvis	Felt's Mills.
Hillside	C. O'Brien	Philadelphia.
Hill Spring	John Caris	Omar.
Indian River	L. B. Gibbs	North Wilna.
Klondyke	Peter Weber	Ox Bow.
Line Road	R. P. Grant	Clayton.
Lorraine Village	M. H. Fox	Lorraine.
McNitt	F. H. McNitt	Copenhagen.
Maple Grove	A. M. Brown	Lorraine.
Mather Bros.	S. Mather	Belleville.
Maxon, P. S.	P. S. Maxon	Adams Centre.
Miller	Anson Miller	Algona.
Muzzy	F. M. & J. B. Muzzy	Smithville.
Natural Bridge	Wm. Hunt	Natural Bridge.
New Henderson	Benj. Worthingham	Henderson.
North Adams	E. D. Holloway	Adams Centre.
North Rodman	Harrison Fuller	Adams Centre.
O. K.	F. A. Knapp	Great Bend.
Ontario	Warren Walsworth	Sackett's Harbor.
Orleans Centre	H. F. Wetterhahn	La Fargeville.
Orleans Valley	R. P. Grant	Clayton.
Pamela Centre	S. L. Gillette & Son	Watertown.
Parkinson, P. O.	P. C. Parkinson	Watertown.
Perry	A. S. Perry	Limerick.
Philadelphia	Wm. Flath	Philadelphia.
Pierrepont Manor	O. W. Graves	Pierrepont Manor.
Pitkin	L. S. Pitkin	Lorraine.
Pleasant Valley	C. E. Wiggins	Cape Vincent.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC. — JEFFERSON COUNTY — (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Central	Robt. E. Whalen	Wilna.
Champion Village	F. R. Knowles	Champion.
Chaumont	Chaumont Dairy Co.	Chaumont.
Cloverdale	Albert Townsend	Philadelphia.
Cloverdale	A. E. Gove	Pamelia 4 Corners.
Cold Brook No. 2	W. F. Dollinger	Omar.
Cold Spring	C. A. Overacker	Redwood.
Cooper, I. C., No. 1	I. C. Cooper	Theresa.
Cooper, I. C., No. 2	I. C. Cooper	Theresa.
Cooper, I. C., No. 3	I. C. Cooper	Theresa.
Devoir's Corners	Jas. Farley	Carthage.
Douglass	John P. Douglass	Theresa.
Drill Well	O. W. Cheney	Sterlingville.
Eames	H. C. Ames	East Watertown.
East Rodman	F. P. Dunaway	East Rodman.
Empire State	R. P. Grant	Clayton.
Eureka	Chas. B. Arnold	Sackett's Harbor.
Excelsior	Geo. Northup	Perch River.
Fairview	R. P. Grant	Clayton.
Farmers	R. P. Grant	Clayton.
Fillmore Bros.	H. H. & M. M. Fillmore	Woodville.
Five Corners	Merriman & Corey	Black River.
Fox Creek	B. W. Hentz	3 Mile Bay.
Gould	I. H. Phillips	Evans Mills.

Grenadier	M. J. Fitzgerald	Cape Vincent.
Grindstone	R. P. Grant	Clayton.
Hadsell & Moore	Geo. E. Orvis	Felt's Mills.
Hillside	C. O'Brien	Philadelphia.
Hill Spring	John Caris	Omar.
Indian River	L. B. Gibbs	North Wilna.
Klondyke	Peter Weber	Ox Bow.
Line Road	R. P. Grant	Clayton.
Lorraine Village	M. H. Fox	Lorraine.
McNitt	F. H. McNitt	Copenhagen.
Maple Grove	A. M. Brown	Lorraine.
Mather Bros.	S. Mather	Belleville.
Maxon, P. S.	P. S. Maxon	Adams Centre.
Miller	Anson Miller	Algona.
Muzzy	F. M. & J. B. Muzzy	Smithville.
Natural Bridge	Wm. Hunt	Natural Bridge.
New Henderson	Benj. Worthingham	Henderson.
North Adams	E. D. Holloway	Adams Centre.
North Rodman	Harrison Fuller	Adams Centre.
O. K.	F. A. Knapp	Great Bend.
Ontario	Warren Walsworth	Sackett's Harbor.
Orleans Centre	H. F. Wetterhahn	La Fargeville.
Orleans Valley	R. P. Grant	Clayton.
Pamelia Centre	S. L. Gillette & Son	Watertown.
Parkinson, P. O.	P. C. Parkinson	Watertown.
Perry	A. S. Perry	Limerick.
Philadelphia	Wm. Flath	Philadelphia.
Pierrepont Manor	O. W. Graves	Pierrepont Manor.
Pitkin	L. S. Pitkin	Lorraine.
Pleasant Valley	C. E. Wiggins	Cape Vincent.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—JEFFERSON COUNTY—(Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Point Vivian	R. J. Northrup	Alexandria.
Rayhill	Frank Rayhill	Rural Hill.
River Side	J. P. Carpenter & Son.	Ox Bow.
Rock Bottom	E. A. Harden	Lorraine.
Rosicre Cheese Co.	L. E. Branche	Rosiére.
Salisbury No. 2	Brayton Salisbury	Pulaski.
Sandy Creek	A. D. Boyd	Rodman.
Scotch Brook	Frank Dezensgremel	Cape Vincent.
Silver Creek	P. N. Pettingill	Tremains.
Smith, B. P.	F. A. Knapp	Great Bend.
Smithville	Mrs. W. A. Ebbie	Watertown.
South Champion	Chas. S. Shedd	South Champion.
Spring	S. G. Smith	Philadelphia.
Springer	R. R. Kirkland	Redwood.
Spring Valley	W. S. Kyes	Ox Bow.
Star	A. O. Pennington	Antwerp.
Stone, E. L., No. 1	E. L. Stone	Manneville.
Stone, E. L., No. 3	E. L. Stone	Mannsville.
Stone Mills Union	Erwin Andrus	Stone Mills.
Sunny Side	L. A. & A. F. Helmer	Evans Mills.
Thistle	R. R. Kirkland	Redwood.
Trout	Talcott, Parker & Kettle	Adams Centre.
Trout Brook	D. C. Chaumont	Natural Bridge.
Tylerville	Byron Dickinson	South Rutland.

Waldo, J. W.	D. A. Goodrich	South Champion.
Wardwell	F. W. Matison	Pierrepont Manor.
Warren Settlement	Louis Cornaise	Rosiere.
Watertown Valley	Lafayette Polley	Burr's Mills.
West Carthage	Chas. Besha	Carthage.
Williams, E. J., No. 2	Max A. Stackel	Rutland.
Wilson, E.	Edwin Wilson	Philadelphia.
Wind Mill	Geo. B. McMullin	East Houndsfield.
Winona	Wm. H. Anthony	Winona.
Woodville	N. Wood & Sons	Woodville.
1000 Islands	R. P. Grant	Clayton.

LEWIS COUNTY.

Barnes' Corners	E. A. Harding	Barnes' Corners.
Bench Hill	Albert E. Merz	New Bremen.
Black River Valley	W. E. Gaynor	East Martinsburgh.
Boston Brand	Bert J. Goutremont	Windecker.
Brookside	Daniel Denning	Montague.
Carpenter	J. H. Carpenter	Turin.
Cedar Spring	John L. Beach	Watson.
Champion Spring	C. Hirschey	Beaver Falls.
Chrestien, F. N.	Jas. Roberts	Oscola.
Cloverdale	Alfred Blum	Leyden.
Clover Valley	W. S. Benton	New Bremen.
Cold Spring	C. E. Merz	Croghan.
Collinsville	H. J. Roberts	Collinsville.
Copenhagen	Cook & Otis	Denmark.
Croghan	Albert Henry	Croghan.
Crown Brand	A. & H. E. Cook	Denmark.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC. — LEWIS COUNTY — (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Dairy Hill	David Miller	Constableville.
Eagle	E. G. Graves	Lowville.
Erie	Emory Draper	Natural Bridge.
Excelsior	Geo. R. North	Copenhagen.
Fairview Spring	W. H. Ingersoll	Port Leyden.
Farmers' Choice	W. S. Benton	New Bremen.
Fish Creek	Henry G. Deis	Constableville.
Forks	J. E. Murphy	Montague.
Gilt Edge	Milton G. Fassett	West Martinsburgh.
Glendale	Randolph Regez	Glendale.
Gowdy	F. C. Gowdy	Martinsburgh.
Grass Valley	Jas. E. Allen	Constableville.
Harter's	P. A. Harter	Copenhagen.
High Mark	Wm. H. Fitch	Lowville.
Highmarket	Eugene Case	High Market.
Holler	W. A. Holler	Port Leyden.
Houseville	J. H. Smith	Houseville.
Hyde	Alvin Washburn	Sterling Bush.
Imperial	W. W. Voice	Copenhagen.
Independence	Lyman Burdick	Glendale.
Indian River	Fred Shaver	Indian River.
Katamayer	A. Katamayer	West Leyden.
Kirschnerville	Nicholas Keifer	Kirschnerville.
Lampher, H. B.	H. B. Lampher	Copenhagen.

Legal Tender	Jas. McGrath	Turin.
Leonard	Chas. P. Leonard	Lowville.
Leyden Cheese Ass'n	L. S. Loomis	Locust Grove.
Lowville	Jos. A. Merry	Lowville.
Maple Ridge	L. J. Benton	Martinsburgh.
Meadow Brook	U. Fitch	Pasadena.
Miller	Michael Heiley	Constableville.
Mud Lake	Domser Bros.	Boonville.
New Boston	Thos. W. McGrath	New Boston.
New Columbia	Geo. F. Butts	Harrisburgh.
New Model	Robt. G. McCuen	Copenhagen.
Pinkney Corners	J. E. Schramp	Pinkney Corners.
Plummer	Geo. Plummer	Constableville.
Rector	Morgan Smith	Rector.
Regetz	John Regetz	Constableville.
Renoux	A. N. Renoux	Croghan.
Rising Star	Cook & Otis	Denmark.
Rising Sun	Lewis I. Raynor	Copenhagen.
Riverdale	A. W. Van Arnum	Greig.
River St.	J. H. Monroe	Harrisburgh.
Roaring Brook	Jared S. Loomis	Locust Grove.
Rock Spring	Henry A. Thomas	Ava.
Rowsum Spring	Mrs. Chas. M. Henry	West Martinsburgh.
Searl No. 1	Geo. Searl	Lowville.
Searl, M. E.	M. E. Searl	Martinsburgh.
Sharp	Wm. C. Spencer	Lowville.
Silver Spring	M. E. Petrie	Copenhagen.
Sins & Bierlie	Jos. Sins	West Leyden.
South Harrisburgh	C. C. Day	Windecker.
Spring Brook	M. L. Hoffman	Lyon Falls.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC. — LEWIS COUNTY — (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Spring Hill	F. E. Klossner	Port Leyden.
Staring	Willard I. Higby	Houseville.
Star Spring	S. L. Hirschey	Castorland.
State of New York	J. C. Croniser	Florence.
Sulphur Springs	Jay H. Searl	Lowville.
Swiss Creek	Hiram Goudy	Lowville.
Turin	Henry Petrie	Turin.
Union	Robt. B. Cramer	Barnes' Corners.
Valley Dale	Fred M. Burns	Bellwood.
Valley Spring	Fred H. Loucks	Lowville.
Volley	Fred Regez	Glendale.
Welch Hill	Edwin H. Evans	Turin.
West Harrisburgh	Mrs. W. H. Wheeler	Bellwood.
West Leyden	M. J. McGrath	West Leyden.
LIVINGSTON COUNTY.		
Hunts	Young & Young	Fillmore.
Keshequa	Mrs. Sarah Wheeler	Dalton.
Nunda	Young & Young	Fillmore.
Springwater Creamery Co.	Henry L. Brewer	Springwater.
Tuscarora	Young & Young	Fillmore.

MADISON COUNTY.

Beaver Creek	E. D. Lamb	Brookfield.
Bender	Fred Haas	Canastota.
Blanding	F. Blanding	Hubbardsville.
Bradley Brook	D. E. Fairchild	Eaton.
Bridgeport	John Durst	Bridgewater.
Brown Valley	Herbert J. Brown	Georgetown.
Crystal Spring	O. J. Tucker	Clockville.
Erieville	C. E. Maynard	Erieville.
Excelsior	G. H. Dennis	Chittenango.
Hamilton	John Harmon	Hamilton.
Hollenbeck	R. J. Hollenbeck	Peterboro.
Island	C. G. Stevens	Georgetown.
Ladd, Dan	Dan Ladd	Canastota.
Lakewood	L. W. Sayles	Bridgeport.
Lamb, E. D.	E. D. Lamb	Unadilla Forks.
La Munion & Clark	A. J. La Munion	Munnsville.
Lebanon Milk Station	Steffens & Martens	Lebanon.
Lenox Mills	Buyea & Miller	Lenox.
Madison Centre	F. Blanding	Hubbardsville.
Maple Grove	Thos. Prescott	Lakeport.
Marsh	C. O. York	Brookfield.
Morrisville	D. A. Hopkins	Morrisville.
Nelson	W. D. Histed	Nelson.
Nichols, A. M.	A. M. Nichols	West Edmeston.
North Cazenovia	P. H. Wager	Chittenango.
Oneida Valley	Wm. McAdam	Oneida Valley.
Paramount	J. P. Davis	Nelson.
Perryville	Frank Cooper	Perryville.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC. — MADISON COUNTY — (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Peterboro	R. J. Wareup	Peterboro.
Pleasant Valley	Levi Miller	Peterboro.
Poolville	Wm. E. Stryker	Poolville.
Quaker Basin	John Hunt	DeRuyter.
Randallsville	John Harmon	Hamilton.
Reservoir	S. D. Burdick	DeRuyter.
Ridgeville	Thos. J. Virgan	Whitelaw.
Riverforks	Mutual M. & C. Co.	New York city.
Siloam	A. E. Miller	Siloam.
Solsville	A. D. Eames	Solsville.
South Hamilton	Dresser & Harris	South Hamilton.
Stockbridge	Carl Leach	Stockbridge.
Temple	I. A. Wager	North Brookfield.
Union.	Milton H. Morgan	Brookfield.
Valley Mills	Clinton Adams	Valley Mills.
West Hill	West Hill C. & B. Co.	Chittenango.
MONTGOMERY COUNTY.		
Ames	M. M. Miller	Ames.
Bowman's Creek	Peter McEwan	Marshville.
Brookman's Corners	Wm. Dillenbeck	Fort Plain.
Cayadutta	Fred Lentz	Fonda.
Christman	G. H. Christman	St. Johnsville.
Dockstader, Wm.	Wm. Dockstader	Palatine Bridge.

Dunkel, Albert	Gustave Buchholtz	Fort Plain.
Flat Creek	Jas. J. Weaver	Flat Creek.
Fort Willett	Jacob Zoller	Little Falls.
Getman, C.	C. Getman	Stone Arabia.
Hallsville	Chas. Van Slyke	Hallsville.
Lyker's Corners	John V. Lyker	Lykers.
Maple Grove	Francis H. Pruyn	Glen.
Minaville	H. Walrath	Minaville.
Mohawk	Danl. Dockstader	Palatine Bridge.
Nellis, A.	Jacob C. Nellis	Palatine Bridge.
Nellis, B.	Benj. Nellis	Fonda.
Palatine Union	Philip G. Yost	McKinley.
Root	Jacob Dievendorf	Currytown.
Slate Hill	Alvah Gray	Ephratah.
Smith Creek	J. Harry Smith	Nelliston.
Stone Arabia	Albert Kilts	Stone Arabia.
Tribes Hill	W. F. Getman	Tribes Hill.
Van Deusen	Dewitt Van Deusen	Freys Bush.
Waterville	C. C. Brownrigg	Ames.
Zoller	Jacob Zoller	Little Falls.

ONEIDA COUNTY.

Alexis	David E. Karlen	Boonville.
Augusta	P. P. Powers	Augusta.
Augusta Valley	John W. Skerritt	Vernon Centre.
Baker	Miss L. P. Baker	Camden.
Blanchard	Henry E. Blanchard	Vernon.
Blue Brook	Roscoe C. Coon	Ava.
Brodock	Andrew Brodock	Plains.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—ONEIDA COUNTY — (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Brown	Samuel Kappler	West Branch.
Castle, G.	Henry D. Morehouse	Ava.
Chrestien, F. N.	F. N. Chrestien	Camden.
Chrestien, F. N., No. 2	F. N. Chrestien	Camden.
Christian, A.	C. A. Bartell	Florence.
Cold Spring	E. O. Jones	Rensen.
Cornish	J. D. Morris	Camden.
Deansville	J. H. Gazlay	Deansboro.
Delta	C. N. Bathrick	Delta.
Eldred, Z.	Z. Eldred, Jr.	Bridgewater.
F. T.	Fred Teuscher	North Western.
Farmers	E. D. Franklin	North Western.
Fitch & Bacon	W. E. Golly	Verona.
Floyd Hill	Seward S. Mowers	East Floyd.
Franklin	A. J. Callahan	Franklin Iron Works.
Green's Crossing	Mutual M. & C. Co.	New York city.
Greggains, Wm.	Wm. Greggains	Glenmore.
Hatch's Corners	Leslie W. Ford	Greenway.
Hayes	Wm. Hayes	Hawkinsville.
Hennessy, John F.	John F. Hennessy	East Florence.
Hillside	Melvin Sergeant	Ford.
Jackson	Jay Gantner	Boonville.
Jackson Valley	Wm. Blum	Boonville.
Kappler	Samuel Kappler	West Branch.

Karlen	D. Karlen	Boonville.
Kellogg	W. S. Jennings	Sangerfield.
Kent, B. H.	P. O. Jones	East Steuben.
King, A. S.	A. S. King	Norwich Corners.
Lowell	F. J. Brill	Lowell.
McFarland	P. E. McFarland	Rome.
Marcy Centre	Geo. R. Wright	Marcy.
Merry, G.	Gottlieb Merry	Verona.
Milk Station	A. N. Spurr	Verona.
Miller Branch	John Miller	Camden.
Mitchell Union	J. Edgar Mitchell	Ramsen.
Mullins Bros.	Geo. Spencer	Glenmore.
New London	J. J. Senn	New London.
North Bay	Jas. Krum	North Bay.
No. Bridgewater	Andrew Knauer	North Bridgewater.
North Gage	Ellen Welch	North Gage.
North Trenton	Everett C. Judson	North Gage.
North Steuben	N. H. Folts	Ramsen.
Paris Association	S. C. Wheelock	North Steuben.
Peck's Corners	J. H. Gazley	North Winfield.
People's	H. A. Johnson	Deansboro.
Pillmore	W. F. Pillmore	Point Rock.
Point Rock	Annie M. Watters	Westernville.
Porter	O. W. Porter	Point Rock.
Quaker Hill	R. G. Jones	North Western.
Queen of Oneida	Albert Brown	Glenmore.
Rathbun	Chas. Rathbun	Vienna.
Rathbunville	E. S. Bennett	Rome.
Ramsen	Sam Roberts	Verona.
Ridge Mills	Robt. McAdam	Ramsen.
		Rome.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—ONEIDA COUNTY—(Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Rome Cheese Ass'n	G. N. Slone	Ridge Mills.
Rome Receiving Station	E. E. McFarland	Rome.
Sauquoit	Mutual M. & C. Co.	New York city.
Saulpaugh	Thos. Squires	Lee.
South Trenton	Geo. S. Williams	South Trenton.
South Western	C. D. Parsell	Big Brook.
Spring Brook	W. J. McComb	Boonville.
Star Hill	E. E. Jones	Reimsen.
Steuben Ass'n	U. N. Wood	Steuben.
Steuben Centre	P. C. Mills	Steuben.
Stevens, E. L.	H. D. Morehouse	Ava.
Storey	Storey Bros.	Westmoreland.
Taberg	Geo. J. Haas	Taberg.
Thomas, G. D.	G. D. Thomas	Camroden.
Thomas, R. E.	Chas. T. Hughes	Summus.
Union	A. W. Walker	Boonville.
Verona Central	Fred J. Merry	Verona Station.
Verona Landing	Mrs. T. Breckenridge	Higginsville.
V. & V.	A. S. Hincley	Vernon.
Walsworth	David Blum	Delta.
Waterbury	W. F. Dollinger	Omar.
West Ava	Pearl E. Adams	Ava.
West Branch	David Karlen	West Branch.
West Camden	A. Cornish	Camden.

Westernville	John McCurn	Westernville.
West Vienna	J. H. Meays	Vienna.
Willow Grove	Ivie Baird	Trenton.
Wittwer, S.	S. Wittwer	Colemans.

ONONDAGA COUNTY.

Brewerton	Geo. Ottman	Brewerton.
Cicero	Dennis Smith	Cicero.
Cicero Centre	O. J. Daniels	Cicero Centre.
Clay Centre	F. M. Buris	Euclid.
Delphi	J. F. Bulger	Delphi.
North Manlius	D. B. Overhiser	North Manlius.
Oran	M. A. Barber	Oran.
Pompey Centre Cream Co.	Robt. Moore	Pompey Centre.
Pompey Star	O. L. Robinson	Fabius.
Riverside	F. A. Church	Belgium.
Staring	B. F. Staring	Kirkville.

ONTARIO COUNTY.

Honeoye Valley	S. S. Williams	Honeoye.
Naples	J. W. Nellis	Naples.

ORANGE COUNTY.

Central Valley Creamery	Jas. C. Rider	Central Valley.
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LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—ORLEANS COUNTY—(Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Morton	W. Diefendorf	Morton.
Murray	Fuller & Clark	Murray.
West Kendall	David J. Root	Kendall.
OSWEGO COUNTY.		
Albion	S. D. Jackson	Altmar.
Amboy Centre	Robt. Foils	Amboy Centre.
Battle Island	Chas. L. Porter	Fulton.
Bristol Hill	G. D. Trimble	Palermo.
Bowen's Corners	W. H. Keller	Bowen's Corners.
Castor No. 1	Geo. L. Castor	Pulaski.
Castor No. 2	Geo. L. Castor	Pulaski.
Castor No. 3	Geo. L. Castor	Pulaski.
Central Square	H. E. Beeby	Central Square.
Cold Brook	L. H. Parker	Amboy Centre.
Colosse Union	O. H. Piercem	Colosse.
Dewey	N. Kimball	Mexico.
Druce	I. L. Hale	North Volney.
Dugway	A. H. Furney	Dugway.
Eagle	Walter Travor	Mexico.
East Boylston	Geo. D. Eggleston	Lorraine.
East Scriba	J. W. Dexter	Scriba.
Empire	Geo. B. Cusack	Clifford.

Empire	F. C. Northrup	Constantia.
Farmers'	John Pifer	Mexico.
Finster	Jas. Welch	Lacona.
Gilbert's Mills	C. H. Burlis	Gilbert's Mills.
Granby Centre	W. E. Cusack	Granby Centre.
Hannibal	Clinton E. Tucker	Hannibal.
Hastings	John Pattat	Hastings.
Henderson	M. K. Haggerty	Altmar.
Hess	H. S. Casler	West Amboy.
Hinmansville	E. J. Buckley	Hinmansville.
Howardville	C. P. Burch	Howardville.
Johnson, G. T.	Greene Johnson	Williamstown.
Le Claire	F. P. Le Claire	Lacona.
Loomis, W. W.	W. W. Loomis	Ingalls Crossing.
McKinley, A. C.	A. C. McKinley	Orwell.
Mallory	Jared Mallory	Mallory.
Mayflower	H. E. Potter	West Monroe.
Mayflower	Andrew Ott	Redfield.
Mill Brook	W. E. Hall	North Hannibal.
Molino	Chas. Stevens	Orwell.
New Haven	Emile George	New Haven.
North Road	W. A. Clark	Scriba.
North Scriba	W. O. Walrath	Lvcoming.
North Williamstown	W. K. Haggerty	Altmar.
Olmstead, A. E.	A. E. Olmstead	Orwell.
Oneida River	P. Burlis	Hastings.
Palermo	D. H. Trimble	Palermo.
Parish Centre	Wm. F. Miller	Wrighton.
Parish C. & B. Co.	W. H. Baker	Parish.
Peet's Corners	Anthony Sauter	East Palermo.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—OSWEGO COUNTY — (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Pennellville	C. F. Barnasky	Pennellville.
Phoenix	Albert P. Merriam	Phoenix.
Porter	Geo. B. Porter	New Haven.
Pulaski	W. C. Holmes	Pulaski.
Salisbury No. 1	Brayton Salisbury	Pulaski.
Shoecraft	M. E. Schoecraft	Sandy Creek.
South Hannibal	G. D. Trimble	Palermo.
South Richland No. 2	J. J. Miller	Pulaski.
S. W. Oswego	F. A. Place	Southwest Oswego.
Stevens, Allen M.	Allen M. Stevens	Orwell.
Stevens & Gerdon	Ralph Stevens	Redfield.
Stone Quarry	A. C. Bushnell	Arthur.
Union Square	Geo. B. Van Derwerker	Union Square.
Vant	G. D. Trimble	Palermo.
Weeks, John M.	John M. Weeks	Mexico.
W. Monroe Star	J. W. Mutter	West Monroe.
Wilcox	Milo Wilcox	Oswego Falls.
2043	G. G. Simons	Redfield.
OTSEGO COUNTY.		
Brainard's Corners	H. C. Brockway	Richfield.
Brighton	E. H. Getman	Richfield Spa.
Brockway, H. C., No. 1	H. C. Brockway	Richfield.

Brockway, H. C., No. 3	H. C. Brockway	Richfield.
Brockway, H. C., No. 7	H. C. Brockway	Richfield.
Brockway, H. C., No. 8	H. C. Brockway	Richfield.
Brockway, H. C., No. 9	H. C. Brockway	Richfield.
Co-operative	F. W. Russell, agent	Garrattsville.
Decatur	C. P. Root	Gilbertsville.
Dimmock Hollow	C. P. Root	Gilbertsville.
East Springfield	Wilkinson, Gaddis & Co.	Springfield.
Edmeston	H. C. Brockway	Richfield.
Edmeston Dairy	G. E. Gardner	Edmeston.
Eldred, E.	R. G. Peet	Mt. Vision.
Elms	O. F. Hawley	Morris.
Fall Brook	R. G. Peet	Mt. Vision.
Fay	John Mack	Richfield Spa.
Flax Island	C. P. Root	Gilbertsville.
German	Aug. Aufmuth	Fly Creek.
Gilbertsville	J. H. Gilbert & Co.	Gilbertsville.
Gregory, L. W.	L. W. Gregory	New Lisbon.
Gregory, S. C.	C. P. Root	Gilbertsville.
Harris	C. P. Root	Gilbertsville.
Harrison, J. H.	J. H. Harrison	Cherry Valley.
Hartwick	A. D. McIntire	Hartwick.
Hartwick Seminary	C. P. Root	Gilbertsville.
Hawkins	Ambler Hawkins	Edmeston.
Hillington	Wm. Curtis	Gilbertsville.
Hinman Hollow	Jerry Fogarty	Milford.
Holdredge	R. G. Tuller	West Burlington.
Hubble Hollow	Chas. Hanor	Middlefield Centre.
Johnson, D. C.	D. C. Johnson	Burlington.
Joslyn	H. C. Brockway	Richfield.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—OTSEGO COUNTY—(Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Kinney, J. P.	Mrs. J. P. Kinney	Snowdon.
Laurens	O. P. Root	Gilbertsville.
Lena	E. R. Hunt	Morris.
Lentsville	W. L. Wicks	Lentsville.
Lloydsville	K. J. Wing	Unadilla Forks.
Milford Centre	R. G. Peet	Mt. Vision.
Morris	E. R. Hunt	Morris.
New Lisbon	C. P. Root	Gilbertsville.
Oaksville	W. D. Bailey	Oaksville.
Oneonta Plains	Fred Taber	Oneonta.
Parks	Geo. C. Pashley	Burlington.
Patten	F. B. Rainey	Hartwick.
Pierstown Valley	M. H. Wedderspoon	Cooperstown.
Plainfield Union, No. 1	D. D. Lamb	Plainfield Centre.
Plainfield Union, No. 2	D. D. Lamb	Plainfield Centre.
Pleasant Valley	H. C. Brockway	Richfield.
Rainey's	F. B. Rainey	Hartwick.
Rider, John J.	John J. Rider	Schuyler Lake.
Root's	C. P. Root	Gilbertsville.
Roseboom	J. H. Harrison	Cherry Valley.
Schuyler's Lake	John J. Rider	Schuyler's Lake.
Shamrock	C. F. Freer	Gilbertsville.
South Hartwick	C. P. Root	Gilbertsville.
South Valley	C. P. Root	Gilbertsville.

Sponenbergh, W. H.	W. H. Sponenbergh	Otsego.
Stanley	Clifford J. Hinds	Middlefield Centre.
Star	Geo. F. Burke	West Burlington.
State Brand No. 1728	E. W. Wright	Burlington Flats.
West Edmeston Condensery	Empire State Condensed Milk Co.	West Edmeston.
Westford	C. E. McRorrie	Westford.
Westville	Wm. H. Burch	Westville.
Wilber Lake	J. W. Taylor	Oneonta.
Wileytown	L. P. Young	Oaksville.
Willmarth	H. C. Brockway	Richfield.
Worcester	C. P. Root	Gilbertsville.
Wright, E. W., No. 1	E. W. Wright	Burlington Flats.
Wright, E. W., No. 2	E. W. Wright	Burlington Flats.
Wright, E. W., No. 3	E. W. Wright	Burlington Flats.
Young, L. D.	Lyman D. Young	Warren.

ST. LAWRENCE COUNTY.

Bellville	E. A. Sheffner	Edwards.
Brasie Corners	E. C. Curtis	Brasie Corners.
Brees	W. F. Burlingame	Richville.
Cheshire	W. E. Fairbanks	De Kalb Junction.
Cook's Corners	Josiah O. Walrath	Colton.
Cow Path	M. J. Johnson	De Kalb Junction.
Cream of the Valley	A. W. Overacker	Gouverneur.
Crystal Spring	Henry H. Caddis	Gouverneur.
De Peyster	C. E. Griffin	De Peyster.
De Peyster No. 2	C. E. Griffin	De Peyster.
East Canton	H. E. Truesdell	Canton.
East Gouverneur	Wm. A. Freeman	Gouverneur.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—ST. LAWRENCE COUNTY—(Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Edwards Village	A. P. Brown	Edwards.
Elm Grove	Elmer J. Grant	Simpson.
Fish Creek	Geo. Young	Edonton.
Gouverneur	Geo. Cameron	Gouverneur.
Gouverneur Village	Jay F. Hodgkin	Gouverneur.
Heuvelton	A. B. Hargrave	Heuvelton.
High Falls	D. E. Gilson	Pyrites.
Highland	C. C. Chase	Canton.
Hodgkin	John H. Berry	Spragueville.
Island Branch	H. F. Smith	Gouverneur.
Jenney Creek	Wilson Wing	Pitcairn.
Jerusalem	Lincoln & Sons	Canton.
Klondike	Thos. Thornton	Heuvelton.
Pleasant Valley	G. L. Bartlett	Edwards.
Red Star	C. F. Woods	Bigelow.
Richville	Renford Stevenson	Richville.
Rock Bottom	C. A. Royce	Richville.
Scofield	J. L. Wood	De Kalb Junction.
Scotch Settlement	Chris Dugan	Rossie.
Somerville	J. W. Marshall	Somerville.
South Fowler	Perley Covey	Spragueville.
South Hermon	Geo. L. Bush	Gouverneur.
Steele Corners	John H. Berry	Spragueville.
Wegatchie	Jas. A. Mills	Wegatchie.

West Canton	Arthur J. Gilson	Rensselaer Falls.
West Fowler	C. W. Fennel	Spragueville.
West Gouverneur	W. O. Goodison	Elmdale.
West Hermon	R. M. Mills	Hermon.
West Parishville	Wilby T. Gaige	Potsdam.
West Russell	E. E. Nicholson	Hermon.

SOHOHARIE COUNTY.

Enterprise	J. C. Proper & Co.	Eminence.
Warnerville Union	Geo. Shafer	Cobleskill.
West Richmondville	C. P. Root	Gilbertsville.

SCHUYLER COUNTY.

Beaver Dams	J. G. Putnam	Dix.
Sugar Hill	C. S. Putnam	Sugar Hill.

STEBEN COUNTY.

Atlanta	G. W. Walden	Atlanta.
Bennett's Creek	W. C. Bassett	Bennett's Creek.
Big Creek	J. W. Bennett	Howard.
Borden	Chas. W. Carpenter	Borden.
Brown	G. L. German	West Union.
Call Hill	D. A. Oakes	Purdy Creek.
Cloverdale No. 3	O. H. Snyder	North Fork, Pa.
Cloverdale No. 9	O. H. Snyder	North Fork, Pa.
Cloverdale Combination No. 10	O. H. Snyder	North Fork, Pa.
Cloverdale No. 11	O. H. Snyder	North Fork, Pa.
Cloverdale No. 13	O. H. Snyder	North Fork, Pa.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.—STEUDBEN COUNTY — (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Cloverdale No. 17	O. H. Snyder	North Fork, Pa.
Cloverdale No. 18	O. H. Snyder	North Fork, Pa.
Cold Spring	Geo. M. Grow	Alfred Station.
Dryden Ridge	W. M. Hackett	Andover.
East Troupsburg	Jas. McKinley	Troupsburg.
Guinn	Henry Schwab	Andover.
Haskinville	Silsbee & Bowen	Haskinville.
Hedgesville	Searl & McStay	Jasper.
Howard	Bennett & Glover	Howard.
Jasper	T. J. Carmody & Co.	Cuba.
Kanona	Henry Dillenbeck	Kanona.
Mallory's Corners	Porter Stephens	Higup.
Murray	Bernard Murray	Andover.
Neils Creek	E. P. Clymo.	Avoca.
Rexville	Jas. McKinley	Rexville.
Stephens	G. M. Stephens	Greenwood.
The Drake	John J. Stephen	Jasper.
Troupsburg	Jas. McKinley	Troupsburg.
Wallace	I. F. Barnes	Wallace.
West Jasper	N. J. Searl	Jasper.
White Clover	Wm. Wildrick	Woodhull.
Woodhull	T. J. Carmody & Co.	Cuba.

SULLIVAN COUNTY.

White Sulphur Spring	McDermott-Bunger Dairy Co.	New York city.
Wierk, John P., & Co.	Empire State Dairy Co.	Brooklyn.

Reniff	W. E. Gillett	Reniff.
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TIOGA COUNTY.

TOMPKINS COUNTY.

Caroline	R. G. H. Speed	Slaterville Springs.
Cornell University Dairy	H. H. Wing	Ithaca.
Dryden Lake	Frank E. Perry	Dryden.
Etna Co-operative B. & C. Co.	Jas. R. Speed	Etna.

WASHINGTON COUNTY.

South Easton	Gifford & Skiff	South Easton.
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WAYNE COUNTY.

Eureka Cheese Co.	J. M. Watson, Sec'y	Wolcott.
Huron Crystal Spring	Saml. Cosad	Wolcott.
Red Creek Cheese Co.	G. W. Brinkerhoff	Red Creek.

WYOMING COUNTY.

Arcade	John L. Gibby	Arcade.
Bennington Centre	Richardson, Beebe & Co.	East Aurora.
Bliss	E. L. Jones	Delevan.
Campbell Hill	E. L. Jones	Delevan.

LIST OF STATE CHEESE BRANDS ISSUED DURING THE YEAR, ETC.— WYOMING COUNTY — (Continued).

NAME OF FACTORY.	Applicant.	Post-office.
Cramer	E. L. Jones	Delevan.
Eagle	E. L. Jones	Delevan.
East Java	E. L. Jones	Delevan.
East Koy	C. H. Bevier	East Koy.
Elmont	Richardson, Beebe & Co.	East Aurora.
Excelsior	Geo. A. Hoy	Johnsonburgh.
Excelsior No. 2	Geo. A. Hoy	Johnsonburgh.
Excelsior No. 3	Geo. A. Hoy	Johnsonburgh.
Excelsior No. 4	Geo. A. Hoy	Johnsonburgh.
Excelsior No. 6	Geo. A. Hoy	Johnsonburgh.
Gainesville	A. L. Tuller	Gainesville.
Greene, C. A.	C. A. Greene	Warsaw.
Griffith's Corners	Young & Young	Fillmore.
Hermitage	H. E. Dolph	Hermitage.
Java Centre	Richardson, Beebe & Co.	East Aurora.
North Arcade	E. L. Jones	Delevan.
North Sheldon	Richardson, Beebe & Co.	East Aurora.
Orangeville	John A. Ahl	Orangeville.
Park	Robt. Norton & Co.	Attica.
Pike Centennial	Mrs. E. B. Willard	Pike.
Pike Five Corners	J. O. Milks	Pike.
Punshire	Franklinville Cheese Co.	Sardinia.
Royce	Geo. E. Curtis	North Java.
Sandusky No. 4	J. B. Lewis	Sandusky.

Sandusky No. 6	J. B. Lewis	Sandusky.
Sandusky No. 7	J. B. Lewis	Sandusky.
Sandusky No. 8	W. H. Wilson	Arcade.
Sandusky No. 11	J. B. Lewis	Sandusky.
Star No. 1	T. J. Hubbard	Wethersfield.
Star No. 2	T. J. Hubbard	Wethersfield.
Star No. 4	T. J. Hubbard	Wethersfield.
Tosier	Richardson, Beebe & Co.	East Aurora.
Wethersfield Springs	G. R. Safford	Wethersfield Springs.
Wing St.	E. O. Wood	Bliss.

MILK.

. During the past year more of the milk produced in this State has gone directly into consumption as such than in any previous year known to this Department. This is due largely to the fact that the enforcement of the dairy laws is making a market for more of the pure commodity. The result is that the milk routes have continued during the year to increase both in length and number. This is evidenced by the fact shown this year in the report of Assistant Commissioner Kracke of the New York division, in which he says, that the value of the milk disposed of in the New York market for the years 1887 to 1898, inclusive, is as follows:

1887.....	\$9,499,900 00
1888.....	9,652,500 00
1889.....	11,675,500 00
1890.....	12,085,000 00
1891.....	14,128,677 00
1892.....	15,116,668 72
1893.....	16,249,354 50
1894.....	16,107,648 80
1895.....	16,778,823 49
1896.....	15,781,881 20
1897.....	15,872,841 42
1898.....	17,458,759 46

While the above table shows the estimated value of the milk and cream going into New York in different forms for the years above mentioned, Mr. Kracke's report shows that the number of 40-quart cans for the years 1888 to 1898, inclusive, were as follows:

1888.....	6,062,216
1889.....	6,630,278
1890.....	8,141,983
1891.....	8,269,953

1892.....	9,084,781
1893.....	9,303,315
1894.....	9,485,018
1895.....	9,336,827
1896.....	10,079,417
1897.....	10,338,356
1898.....	12,382,106

The above figures are made by the statistician of the New York Mercantile Exchange. It is the only city in the State that furnishes such information for us, so we cannot make similar comparisons in other cities, but reports from our Assistant Commissioners in the different divisions show us that the milk routes leading into those cities are increasing in length and number proportionately with those running into New York city, and it is fair to conclude, in my judgment, that there has been a proportionate increase in the consumption of milk in other cities.

I would call your attention to one difficulty that I have in enforcing the milk law which, it would seem, ought to be remedied, viz.: As the present milk law now stands, if our agents find upon a wagon of a milk vendor a sample of milk, adulterated by being skimmed, then they must take a sample for analysis, providing the vendor is not selling it as and for skimmed milk, which he has a right to do under certain conditions as provided by the statute. About the only evidence we can have of the fact is the statement of the milk peddler himself, i. e., from a practical standpoint. Were our agents to take the word of each and every milk vendor who was selling skimmed milk for pure milk, I am sure that we would make very few cases, because a man who will sell skimmed milk for pure milk would not hesitate to make such a statement to avoid litigation or trouble. On the contrary, if our agents should take a sample from each vendor that they find selling such milk, I would be placed in the attitude of having to sue many honest men who are legitimately selling that commodity for what it is and place them on their defense which would be a hardship to them. I can see but

one way to remedy this condition. If your honorable body should pass a law to the effect that no skimmed milk should be sold from the same wagon at the same time that pure milk was being sold therefrom, and that when the skimmed milk was being sold in accordance with the statute, the wagon from which it was being retailed should have in a conspicuous place upon it the words "Skimmed milk for sale," the difficulty mentioned would be greatly obviated.

Your honorable body passed a bill last winter known as chapter 557 of the Laws of 1898, amending section 12 of chapter 338 of the Laws of 1893, by providing that when an agent of this Department takes samples of milk for analysis from a person who is selling milk from his own dairy, that they shall within 10 days thereafter visit said dairy, see the cows milked, and take a fair sample of the mixed milk of the herd in duplicate, delivering one to the milk vendor or proprietor, and the other to the Department chemist; and that if the sample taken at the dairy is not of better quality than the sample sold in the streets or the sample formerly taken, then it shall be a bar to action for violation of the Agricultural Law in selling adulterated milk. This bill has made a radical change in our work of inspection by making it somewhat more expensive and laborious, but has, in my judgment, produced good results by allaying the fears or apprehensions of certain well-meaning milk peddlers who were lead to believe they were liable to be convicted when they were selling milk just as it comes from the cow, and has restored confidence in the work of the Department relative to milk inspection. Our experience during the present season under that law is to the effect that in all cases where a fair sample was taken of the milk from the dairy that it invariably would be better than the sample offered upon the streets. To illustrate: In the city of Albany within a few days a sample of milk was taken from the wagon of a vendor and the analysis showed 89.70 per cent. water, 10.30 per cent. total solids, 2.77 per cent. fat, 7.53 per cent. solids not fat and .62 per cent. ash. This sample was taken

December 8, 1898. On December 13, 1898, our agents visited the dairy, saw the cows milked, took a fair sample of the mixed milk, delivered it to our chemist for analysis, and it showed 85.70 per cent. of water, 14.30 per cent. of total solids, 4.94 per cent. of fat, 9.36 per cent. solids not fat and .73 per cent. ash. There was about 39 per cent. of water added to this milk.

We have a great many instances similar to this where milk being sold upon the market with solids between 10 and 11 per cent. was from the mixed milk of herds of cows from which samples were afterward taken that would show from 12 to 14 per cent. of solids, as in the case cited.

In Oswego county one of our agents took a sample of milk from a vendor in the streets and afterward went to his dairy and took samples of what he supposed to be the pure mixed milk of the herd, and the sample upon analysis was poorer than the sample being sold upon the streets. This was so strange that the agent went and procured a second sample. This sample was a little better than the sample sold upon the streets. In the meantime the report had reached this office, and immediately an agent was sent from here to investigate the matter in company with the agent who had taken the previous sample. These two men watched the milking closely, watched each pail and can in which any milk was placed and saw that it was in no wise tampered with and that the cows were stripped clean, and then took samples of the mixed pure milk, and had it analyzed. This sample was considerably above the standard. The analyses of the four samples of milk were as follows:

(1) Taken from the vendor as he was selling it upon the streets August 31, 1898, was shown to contain:

88.68 per cent. of water.

11.31 per cent. total solids.

8.31 solids not fat.

2.99 fat.

.56 ash.

(2) First herd sample taken September 1, 1898, from the dairy by Geo. D. Babcock, agent, analyzed:

88.42 per cent. of water.
11.57 per cent. total solids.
8.69 per cent. solids not fat.
2.88 per cent. fat.
.69 per cent. ash.

(3) Second herd sample taken September 4, 1898, from the dairy by Geo. D. Babcock, agent, analyzed:

87.76 per cent. of water.
12.23 per cent. total solids.
9.17 per cent. solids not fat.
3.06 per cent. fat.
.69 per cent. ash.

(4) Third herd sample taken September 9, 1898, from the dairy by H. S. Matteson and Geo. D. Babcock, agents, analyzed:

86.30 per cent. of water.
13.71 per cent. total solids.
8.92 per cent. solids not fat.
4.78 per cent. fat.
.63 per cent. ash.

Mr. Matteson milked the cows in the herd upon the occasion when this last sample was taken, while Mr. Babcock watched the cans so that they knew that this milk was just as it came from the cows. This indicates that in taking a sample from the dairy, extreme caution must be observed, and it also tends to confirm the view that a man who will sell adulterated milk upon the streets will resort to almost any means to keep from furnishing the evidence of his own guilt.

OLEOMARGARINE.

During the year last past we have found one oleomargarine manufactory within the State of New York. It was an illicit con-

cern and has been closed. It was manufacturing oleomargarine in limited quantities, not to exceed 600 pounds per day, to be sold to bakeries, and was doing it with great caution. It had been running about 3 months. The proprietor was convicted of violating the statute and was fined \$200 and sentenced to imprisonment for 3 months. This is the only case of a manufactory within this State since I have assumed the duties of the office of Commissioner of Agriculture. We have made cases against 166 persons during the year for illegal sales and use of oleomargarine, mostly in New York city and vicinity, but the goods are not sold openly. In a large number of these cases the parties had been led to believe that the commodity was as good as butter, and the profit being larger they were thus induced to purchase. Much of the oleomargarine thus put upon our market comes across from Jersey City to New York in delivery wagons, going direct to the grocery, hotel, restaurant or boarding-house, thus making it very hard to trace. I think, however, it is not an exaggeration to say that the violations of this law are not more in number than those of other statutes with like penalties. Indeed, I think probably much less. A decision has been rendered during the past year by the Supreme Court of the United States affecting the oleomargarine question. The case is entitled *Schollenberger v. Pennsylvania* (156 Penn. Stat. 201; 171 U. S. 1). The decision in this case is in line and consistent with all decisions previously rendered by that court relative to oleomargarine. It does not reverse any decision formerly rendered, although there seems to be in some quarters an opinion to the contrary. The Pennsylvania law provides against the manufacture of any oleaginous substance to take the place of butter. The United States Supreme Court, in the case of *Powell v. Commonwealth* (114 Penn. St. 265; 127 U. S. 678), decided that the State law was constitutional, so far as any commodity manufactured and sold within the State was concerned. In the *Schollenberger* case the sample of oleomargarine under consideration was manufactured in Rhode Island and sent into Pennsylvania in

an original importer's package and was sold. An action was brought against the defendant for that sale. The defendant claimed that the authorities of the State had no right to interfere with this sale, for by so doing they were interfering with interstate commerce, which they had no right to do, the power to regulate commerce between the States having been given to the National Government in the National Constitution. The United States Supreme Court, in deciding the case, held that the defendant's position was good, but plainly showed the distinction between this case and the case of *Powell v. Commonwealth*, and the case from Massachusetts, entitled *In re Plumley* (155 U. S. 461; 15 Sup. Ct. Rep. 154). The decision in the last-mentioned case held that a State had a right under its police powers to pass a law to prohibit the sale of oleomargarine within its borders that was in imitation or semblance of butter, by coloring it yellow, whether it was in the original importer's package or otherwise. That court has decided another case, declaring a State law unconstitutional. The case is entitled *Collins v. New Hampshire* (171 U. S. 30). It is an oleomargarine case and was brought against the defendant for violating a statute of that State, which provides that no oleaginous substance not made from milk or cream of the same which was made to take the place of or as a substitute for butter should be sold unless it was colored pink. In this case the goods were in the original importer's package and they were manufactured in an outside State, namely, in Illinois, and were carried into the State of Massachusetts in an original importer's package and sold there in that form. They were colored yellow and not pink. The defendant was convicted for violating the State law and appealed. The case was taken to the Supreme Court of the United States, and that court, in considering the question, decided that the law was unconstitutional on the ground that the Legislature did not have the power to provide that it should be colored pink. If it had, it also might require it to be colored any other color, as blue or red or black, or that it might instead of that provide that the article should only be sold

if mixed with some other article which, while not deleterious to health, would, notwithstanding, give it a most offensive smell. That the act necessitates and provides for adulteration. It enforces upon the importer the necessity of adding a foreign substance to his article which is thereby rendered unsalable, in order that he may be permitted lawfully to sell it; that the law, in fact, amounts to the prohibition of the sale of oleomargarine.

These are the only cases that have been decided by the Supreme Court of the United States relative to oleomargarine to which my attention has been called, but in view of these decisions it is plain that the attitude of that court is to the effect that no State law is constitutional relative to oleomargarine that prohibits its sale in an original importer's package, except that the provisions are such as to prohibit a counterfeit or fraud on the people, or to preserve the public health. The one case that particularly holds that such a law is constitutional is the case entitled *In re Plumley*, in which the sample of oleomargarine was carried into Massachusetts in an original importer's package and sold in such form that the oleomargarine contained therein was colored yellow in imitation of butter and its sale was in violation of the Massachusetts State law. The Supreme Court of the United States, in deciding the question as to whether this law was constitutional, said, in effect, that a State had the right under its police powers to prohibit a counterfeit, and that oleomargarine so made and colored yellow would have a tendency to deceive the consumer when it was a counterfeit of a superior article, and that a State had the right to prohibit its sale, no matter in what form it was done up. In view of these decisions, then, which are all consistent with each other, it is plain that the State laws, to be efficient, must be such as to stop the imitation of the superior product. The New York State law, under the decision in the Massachusetts case, is constitutional, and the goods are kept practically out of our markets, but, while this is true, there are many other States in the Union that have laws against this commodity under which the oleomargarine can be sold

in the original importer's package according to the decisions above referred to, and in those States oleomargarine is taking the market away from the pure butter product. Such is the case, as I understand it, in Pennsylvania and New Hampshire, and a majority of the thirty States that have the laws.

To remove this condition of things requires National legislation, in my judgment, along the following lines, viz., if Congress would pass an act and provide for its enforcement, to the effect that when any dairy or dairy and food products are sent from one State to another that they should become subject to the operation of the State laws, irrespective of the fact of their being done up in the original importers' packages, it would place the question in the hands of the people of that State; then the laws of each State that are constitutional, so far as the State Constitution is concerned, would also be constitutional so far as the National Constitution is concerned.

A similar law was passed relative to whiskey, known as the "Wilson Whiskey Bill." Its constitutionality has been tested, and the Supreme Court of the United States has declared that Congress had the power and constitutional right to so enact. The National Farmers' Congress assembled in Fort Worth, Texas, on December 8, 1898, passed a resolution asking Congress to pass such a law. The National Association of Dairy and Food Commissioners at its two last annual sessions passed a similar resolution. There are two propositions that now seem to be in the minds of the friends of honest dealing relative to this question, viz., one class desire Congress to pass a law similar to the one just mentioned, and the other desire Congress to pass a law taxing colored oleomargarine 10 cents per pound. This last proposition I do not favor for the reason that it lends legitimacy to a deceit, in my judgment, by recognizing the commodity in its colored form as an article of commerce. Oleomargarine is colored to deceive the consuming public as to its nature. I do not believe that the principle is honorable or just, and, therefore, do not favor it.

VINEGAR.

The vinegar work in this State is not as extensive and in some respects, perhaps, not as important, as the milk work, being a condiment rather than a food product, but there are dangers to the consuming public connected with the manufacture of vinegar if it is not properly done or is done by unscrupulous persons. We have brought many vinegar cases during the past year. The violations of this law are more scattered over the State than are the violations of the oleomargarine law. The great tendency on the part of those who desire to deceive the consuming public in manufacturing this commodity is to imitate pure cider vinegar with an inferior commodity, colored and, perhaps, to which has been added some commercial acid.

I am, however, of the opinion that this law is being fairly well lived up to by all the persons in the vinegar trade of this State.

SAN JOSÉ SCALE.

By chapter 482 of the Laws of 1898 your honorable body placed in this Department the enforcement of the laws of the State to prevent the spread of infectious or contagious diseases among fruit trees.

The most dreaded disease then prevailing among the trees was known as San José scale.

The San Jose scale is an insect pest affecting fruit and other trees, shrubs or plants and was first discovered in this country in San José, California, from which place it derives its name. It was supposed to have been brought there from some of the islands in the Pacific Ocean.

This scale has been gradually spreading over the United States. It is supposed to have been brought east on nursery stock shipped from the vicinity in which it was first discovered in California. It has become such a menace that it was destroying orchard and other trees to such an extent as to cause alarm among persons propagating or growing the same.

There was an appropriation made by your honorable body of \$10,000 to prevent the spread or to entirely eradicate this scale and other pests and diseases mentioned in the statute, if possible. There was considerable difficulty at first to find persons that I could employ who were competent to deal with this scale. I called upon the Civil Service Commission for agents. After holding an examination they submitted to me the eligible list which contained the names of 4 persons. That number only passed the examination. I employed them all and divided the State into 4 divisions, putting one of these agents in charge of each division, and then furnished them such subordinate help in the way of laborers as could be profitably used. During the summer and fall months these men have visited and examined the stock in every nursery in the State of New York. We have issued certificates to nurserymen whose stock, upon examination, proved to be free from any of the contagious disease or pests named in the law. The number of certificates so issued is 420.

I am of the opinion that the work thus done has produced good results and has been quite valuable, in that it has stopped the spreading of these diseases or pests, by means of nursery stock within this State. I am of the opinion that the issuing of certificates as provided in the statute is wise; if it should transpire that stock from the nursery which has been examined and upon which a certificate was issued, should afterward be found to contain the scale, a copy of the certificate accompanying the stock, we could trace it back to the source and again examine the nursery, and thus stop its further spread.

At the close of the season after taking an account of the work done by the men and the amount of money expended, I found that the work done, all told, had cost the State up to April 1, 1899, \$7,271.89, leaving a balance on hand out of the \$10,000 appropriated.

The reports of the agents or inspectors in the field showed a large percentage of the orchard and ornamental trees in the Long Island and the Hudson river districts to be affected with this scale.

A little reflection led me to believe that the amount of money left at my disposal in this work would not be sufficient to exterminate the pest as it existed, and there being but a few weeks left before the convening of your honorable body and that time being the cold part of the year, in which the scale would not spread, I deemed it wise to take no steps relative to these orchard and ornamental trees until I could submit the matter to you for your consideration.

DETAILED STATEMENT.

The following is a detailed statement of expenditures of money by this Department:

DETAILED STATEMENT OF THE SERVICES AND EXPENSES, FOR THE YEAR 1898, OF THE
COMMISSIONER, ASSISTANT COMMISSIONERS, EXPERTS, AGENTS, CHEMISTS, ETC.

NAME.	Position held.	Date.	Services.	Expenses.
George L. Flanders	Assistant Commissioner	1897. October	.....	*\$21 77
C. H. Allen	Agent	6	\$60 00	45 61
Chas. Burke	do	6	75 00	48 49
Geo. B. Fellows	do	6	.....	8 51
A. L. Haines	do	6	75 00	19 44
Simon Nussbaum	do	6	75 00	.....
John Evans	Clerk	6	35 00	.....
Elizabeth A. Dowd	Stenographer	6	4 44	.....
Helen F. Rossman	do	6	33 33	.....
Theo. J. Bradley	Chemist	6	45 00	.....
E. J. Wheeler	do	6	166 66	13 25
W. J. Wadsworth	Veterinarian	6	21 00	15 78
W. E. Walker	Chemist	6	40 00	.....
O. A. Wieting	Commissioner	7	.....	41 67
Geo. L. Flanders	Assistant Commissioner	7	.....	†304 15
H. S. Ambler	do	12	208 33	73 65
T. Jas. Owens	do	12	125 00	28 43
C. R. Payne	do	12	125 00	38 54
A. L. Twitchell	do	12	125 00	54 60
Geo. D. Babcock	Agent	12	75 00	79 96

* Traveling expenses. † Postage, stationery, etc.

W. J. Bennett	do	12	75 00	87 15
J. J. Coughlin	do	12	75 00	33 00
M. Dugan	do	12	75 00	74 20
John E. Earl	do	12	75 00	16 97
A. M. Kibbe	do	12	60 00	64 82
W. B. Mynderse	do	12	60 00	19 45
Chas. F. Nash	do	12	75 00	83 99
R. H. Palmer	do	12	69 00	43 45
W. B. Reading	do	12	75 00	34 80
Chas. T. Russell	do	12	60 00	79 73
Chas. Sears	do	12	80 00	63 97
F. C. Slaughter	do	12	60 00	65 40
C. J. Standart	do	12	60 00	16 63
C. A. Warren	do	12	60 00	24 89
J. A. Miller	Chemist	12	100 00	.....
V. A. Moore	Bacteriologist	12	.....	41 46
Wm. T. Hughes	Assistant Commissioner	12	125 00	29 91
F. H. Kracke	do	12	208 33	65 00
E. F. Burke	Agent	12	75 00	52 81
Arch. D. Clark	do	12	80 00	55 25
J. M. Esmay	do	12	75 00	67 11
Jas. E. Langdon	do	12	60 00	58 87
John McGuire	do	12	80 00	52 40
M. T. Morgan	Cheese instructor	12	100 00	101 35
John T. Norton	Agent	12	80 00	36 70
Jos. M. Quigley	do	12	75 00	63 11
Geo. A. Smith	Cheese instructor	12	61 50	37 81
Theo. Deecke	Chemist	12	30 00	.....
Jos. F. Geisler	do	12	43 73	1 13

DETAILED STATEMENT, ETC.— (Continued).

NAME.	Position held.	Date.	Services.	Expenses.
S. A. Lattimore	Chemist	1897. October 12	\$25 00	.....
E. G. Love	do	12	85 25	.....
Hugh C. Troy	do	12	75 00	\$14 85
J. C. Willson	do	12	50 00	.....
Chas. H. Cook	Veterinarian	12	5 00	.....
V. O. Beebe	Assistant Commissioner	21	125 00	81 62
J. P. Clark	do	21	125 00	45 79
S. B. Richardson	do	21	125 00	63 44
Geo. Bernhard	do	21	75 00	120 96
W. J. Corbett	Agent	21	60 00	62 12
Michael Galligan	do	21	75 00	14 04
W. W. Hall	Cheese instructor	21	100 00	84 50
C. S. Kellogg	Agent	21	75 00	56 97
R. R. Kirkland	do	21	60 00	98 20
John E. Kruse	do	21	60 00	74 71
Robt. McAdam, Jr.	do	21	75 00	74 50
C. F. Morganstern	do	21	75 00	60 94
W. C. Patrick	do	21	60 00	51 65
H. A. Rees	Cheese instructor	21	100 00	89 68
N. Van Horne	Agent	21	75 00	36 23
C. B. Wakefield	do	21	60 00	101 75
Wm. M. Smith	Chemist	21	40 00	1 98
Michael Quigley	Veterinarian	21	500 00	20 17

Chas. A. Wieting	Commissioner	30	333 33	.....
Geo. L. Flanders	Assistant Commissioner	30	208 33	.....
V. P. D. Lee	Agent	30	125 00	.....
J. M. Hutchings	do	30	75 00	.....
Geo. B. Fellows	do	30	75 00	.....
Geo. L. Flanders	Assistant Commissioner	8	.....	*418 15
John Evans	Clerk	8	35 00	99
Elizabeth A. Dowd	Stenographer	8	33 33	.....
Helen F. Rossman	do	8	33 33	.....
C. H. Allen	Agent	8	60 00	17 85
Chas. Burke	do	8	75 00	50 67
E. F. Burke	do	8	75 00	48 51
J. M. Esmay	do	8	75 00	81 15
Geo. B. Fellows	do	8	.....	24 24
J. M. Hutchings	do	8	.....	16 34
W. B. Mynderse	do	8	60 00	52 88
Simon Nussbaum	do	8	75 00	.....
J. C. Willson	Chemist	8	50 00	2 00
W. E. Walker	do	8	40 00	.....
Geo. L. Flanders	Assistant Commissioner	10	.....	60 00
C. A. Wieting	Commissioner	16	.....	23 60
H. S. Ambler	Assistant Commissioner	16	208 33	58 84
V. C. Beebe	do	16	125 00	69 47
J. P. Clark	do	16	125 00	122 47
Wm. T. Hughes	do	16	125 00	32 25
F. H. Kracke	do	16	208 33	66 30
T. J. Owens	do	16	125 00	38 62
C. R. Payne	do	16	125 00	55 54
S. B. Richardson	do	16	125 00	62 75

* Postage, stationery, etc.

DETAILED STATEMENT, ETC.— (Continued).

NAME.	Position held.	Date.	Services.	Expenses.
		1897.		
A. L. Twitchell	Assistant Commissioner	November 13	\$125 00	\$84 78
Geo. D. Babcock	Agent	16	75 00	53 77
Geo. Bernhard	do	16	75 00	76 79
A. D. Clark	do	16	80 00	60 94
W. J. Corbett	do	16	60 00	47 90
J. J. Coughlin	do	16	75 00	16 80
M. Dugan	do	16	75 00	66 58
J. R. Earl	do	16	75 00	16 86
M. Galligan	do	16	75 00	12 10
A. R. Haines	do	16	75 00	19 41
W. W. Hall	Cheese instructor	16	100 00	99 82
C. S. Kellogg	Agent	16	75 00	82 02
A. M. Kibbe	do	16	60 00	80 09
J. E. Kruse	do	16	60 00	75 90
J. E. Langdon	do	16	75 00	30 27
R. McAdam, Jr.	do	16	75 00	81 08
John McGuire	do	16	80 00	61 45
M. T. Morgan	Cheese instructor	16	100 00	98 27
C. J. Morganstern	Agent	16	75 00	35 15
C. F. Nash	do	16	75 00	58 99
J. T. Norton	do	16	80 00	79 60
W. C. Patrick	do	16	60 00	58 80
J. M. Quigley	do	16	75 00	50 40

W. B. Reading	do	16	75 00	24 65
H. A. Rees	do	16	100 00	95 35
C. T. Russell	do	16	60 00	67 31
Chas. Sears	do	16	80 00	64 39
F. C. Slaughter	do	16	60 00	62 82
G. A. Smith	do	16	100 00	78 55
C. J. Standart	Cheese instructor	16	75 00	11 45
N. Van Horne	Agent	16	75 00	32 33
O. B. Wakefield	do	16	75 00	99 96
C. A. Warren	do	16	60 00	21 17
T. J. Bradley	do	16	75 00	.....
T. Deecke	Chemist	16	18 00	.....
J. A. Miller	do	16	5 00	.....
Hugh C. Troy	do	16	100 00	.....
E. J. Wheeler	do	16	75 00	6 01
W. H. Kelly	do	16	166 66	63 44
Walter J. Bennett	Veterinarian	16	157 50	104 24
Jos. F. Geisler	Agent	18	75 00	72 90
S. A. Lattimore	Chemist	18	70 62	.....
E. G. Love	do	18	32 50	.....
Chas. A. Wieting	do	18	156 00	.....
Geo. L. Flanders	Commissioner	1	333 33	.....
V. P. D. Lee	Assistant Commissioner	1	208 33	.....
J. M. Hutchings	Agent	1	125 00	.....
Geo. B. Fellows	do	1	75 00	.....
Chas. A. Wieting	do	1	75 00	.....
Geo. L. Flanders	Commissioner	8	.....	37 67
John Evans	Assistant Commissioner	8	.....	*257 15
Elizabeth A. Dowd	Clerk	8	35 00	10
	Stenographer	8	33 33	.....

* Traveling expenses, etc., \$16.80; postage, stationery, etc., \$219.35.

SIXTH ANNUAL REPORT OF THE

DETAILED STATEMENT, ETC.— (Continued).

NAME.	Position held.	Date.	Services.	Expenses.
Helen F. Rossman	Stenographer	1897.	\$33 33	.....
C. H. Allen	Agent	December	60 00	\$10 15
Chas. Burke	do		75 00	22 54
E. F. Burke	do		75 00	24 67
A. L. Haines	do		75 00	36 72
J. M. Hutchings	do		.....	1 45
R. R. Kirkland	do		60 00	74 13
V. P. D. Lee	do		.....	10 60
W. B. Myndarse	do		60 00	16 76
Simon Nusbaum	do		75 00	.....
R. H. Palmer	do		75 00	38 08
Geo. A. Smith	Cheese instructor		100 00	48 56
John A. Miller	Chemist		15 00	.....
Theo. Deecke	do		45 00	.....
Wm. M. Smith	do		15 00	90
E. J. Wheeler	do		166 66	23 28
J. C. Willson	do		50 00	.....
L. H. Putnam	Laborer		21 66	.....
W. E. Walker	Chemist		40 00	.....
Geo. L. Flanders	Assistant Commissioner	23	208 34	.....
V. P. D. Lee	Agent	23	125 00	.....
C. A. Wieting	Commissioner	23	333 34	.....
J. M. Hutchings	Agent	23	75 00	.....

Geo. B. Fellows	do	23	75 00	.....
John Evans	Clerk	23	35 00	.....
Elizabeth A. Dowd	Stenographer	23	36 53	.....
Helen F. Rosman	do	23	44 33	.....
E. F. Burke	Agent	23	75 00	25 88
W. B. Mynderse	do	23	60 00	12 84
W. E. Walker	Chemist	23	40 00	.....
Henry S. Ambler	Assistant Commissioner	28	208 33	81 84
V. C. Beebe	do	28	125 00	78 90
J. P. Clark	do	28	125 00	64 75
Wm. T. Hughes	do	28	125 00	33 48
F. H. Kracke	do	28	208 33	75 90
T. J. Owens	do	28	125 00	34 44
Chas. B. Payne	do	28	125 00	61 93
S. B. Richardson	do	28	125 00	77 13
A. L. Twitchell	do	28	125 00	65 70
C. H. Allen	Agent	28	60 00	5 00
Geo. D. Babcock	do	28	75 00	58 72
W. J. Bennett	do	28	75 00	66 06
Geo. Bernhard	do	28	75 00	75 71
Arch. D. Clark	do	28	80 00	59 60
W. J. Corbett	do	28	60 00	4 46
J. J. Coughlin	do	28	75 00	22 50
M. Dugan	do	28	75 00	56 86
John R. Earl	do	28	75 00	17 84
J. M. Farnay	do	28	75 00	89 13
M. Galligan	do	28	75 00	11 75
W. W. Hall	Cheese instructor	28	100 00	65 00
A. M. Kibbe	Agent	28	60 00	55 62

DETAILED STATEMENT, ETC.—(Continued).

NAME.	Position held.	Date.	Services.	Expenses.
Jas. E. Langdon	Agent	1897. December 28	\$75 00	\$40 31
John McGuire	do	28	80 00	55 15
V. A. Moore	Bacteriologist	28	.....	12 66
M. T. Morgan	Cheese instructor	28	100 00	80 91
C. J. Morganstern	Agent	28	75 00	29 62
Chas. F. Nash	do	28	75 00	55 73
John T. Norton	do	28	80 00	52 85
R. H. Palmer	do	28	66 00	41 46
W. C. Patrick	do	28	80 00	54.56
J. M. Quigley	do	28	75 00	46 20
Wm. B. Reading	do	28	75 00	4 45
Chas. T. Russell	do	28	60 00	58 89
F. C. Slaughter	do	28	60 00	58 41
C. J. Standart	do	28	75 00	11 40
N. Van Horne	do	28	75 00	42 95
C. B. Wakefield	do	28	60 00	41 33
Theo. Deecke	Chemist	28	15 00	.....
Jos. F. Geisler	do	28	84 49	4 63
S. A. Lattimore	do	28	10 00	.....
E. G. Love	do	28	42 25	.....
John A. Miller	do	28	100 00	.....
Maurice Perkins	do	28	100 00	27 06
Hugh C. Troy	do	28	100 00	2 94

F. B. Van Denburgh	do	1898.	28	15 00	.....
Ellwyn Waller	do		28	25 00	.....
L. H. Putnam	Laborer		28	50 00	.....
Wm. H. Kelly	Veterinarian		28	112 50	27 76
Chas. A. Wieting	Commissioner	1898.	6	.....	49 21
Geo. L. Flanders	Assistant Commissioner	January	6	.....	*524 50
F. H. Kracke	do		6	208 33	82 61
Chas. Burke	Agent		6	75 00	28 50
Arch D. Clark	do		6	80 00	50 65
J. M. Esmay	do		6	75 00	71 07
A. L. Haines	do		6	75 00	30 58
John E. Kruse	do		6	60 00	52 07
John McGuire	do		6	80 00	40 26
M. T. Morgan	Cheese instructor		6	100 00	105 44
John T. Norton	Agent		6	80 00	41 00
Simon Nussbaum	do		6	75 00	.....
W. C. Patrick	do		6	80 00	53 00
H. A. Rees	Cheese instructor		6	100 00	91 04
Chas. Sears	Agent		6	160 00	84 10
Geo. A. Smith	Cheese instructor		6	100 00	.....
C. A. Warren	Agent		6	75 00	20 94
E. J. Wheeler	Chemist		6	166 66	34 32
J. O. Willson	do		6	50 00	.....
C. A. Wieting	Commissioner	February	1	333 33	.....
Geo. L. Flanders	Assistant Commissioner		1	208 33	.....
V. P. D. Lee	Agent		1	125 00	.....
J. M. Hutchings	do		1	75 00	.....
Geo. B. Fellows	do		1	75 00	.....

* Traveling expenses, use of team, postage and stationery.

DETAILED STATEMENT, ETC.— (Continued).

NAME.	Position held.	Date.	Services.	Expenses.
		1898.		
		February		
H. S. Ambler	Assistant Commissioner	3	\$208 33	\$81 54
V. C. Beebe	do	3	125 00	32 04
J. P. Clark	do	3	125 00	36 31
Wm. T. Hughes	do	3	125 00	27 70
T. Jas. Owens	do	3	125 00	10 62
S. B. Richardson	do	3	125 00	37 52
A. L. Twitchell	do	3	125 00	77 72
Geo. D. Babcock	Agent	3	75 00	23 15
W. J. Bennett	do	3	75 00	68 13
W. J. Corbett	do	3	60 00	28
M. Dugan	do	3	75 00	43 98
W. W. Hall	Cheese instructor	3	100 00	31 77
Chas. S. Kellogg	Agent	3	150 00	32 32
A. M. Kibbe	do	3	60 00	35 58
R. R. Kirkland	do	3	120 00	69 15
John E. Kruse	do	3	60 00	68 11
Robt. McAdam, Jr.	do	3	150 00	93 49
C. J. Morganstern	do	3	75 00	33 51
Chas. F. Nash	do	3	75 00	39 89
R. H. Palmer	do	3	72 00	36 86
J. M. Quigley	do	3	75 00	51 49
Wm. B. Reading	do	3	75 00	14 05
H. A. Rees	Cheese instructor	3	100 00	35 09

C. T. Russell	Agent	3	60 00	47 37
F. C. Slaughter	do	3	60 00	74 24
C. J. Standart	do	3	75 00	13 25
N. Van Horne	do	3	75 00	36 63
C. B. Wakefield	do	3	60 00	40 45
Jos. F. Geisler	Chemist	3	81 00	1 37
E. G. Love	do	3	113 75	.....
Hugh C. Troy	do	3	100 00	6 05
F. P. Van Denburgh	do	3	40 00	6 09
Wm. H. Kelly	Veterinarian	3	75 00	37 14
M. Quigley	do	3	500 00	70 33
Estate of C. R. Payne	* Assistant Commissioner	3	125 00	26 49
Chas. A. Wieting	Commissioner	7	.....	55 55
Geo. L. Flanders	Assistant Commissioner	7	.....	†818 41
John Evans	Clerk	7	35 00	95
E. A. Dowd	Stenographer	7	44 53	.....
Helen F. Rossman	do	7	52 93	.....
O. H. Allen	Agent	7	60 00	21 25
Chas. Burke	do	7	75 00	21 05
E. F. Burke	do	7	75 00	32 36
A. L. Haines	do	7	75 00	9 82
J. M. Hutchings	do	7	.....	27 80
W. B. Mynderse	do	7	60 00	23 90
Simon Nussbaum	do	7	75 00	.....
W. E. Walker	Chemist	7	40 00	.....
E. J. Wheeler	do	7	166 66	13 31
L. H. Putnam	Laborer	7	50 00	6 69
Henry S. Ambler	Assistant Commissioner	16	208 33	31 67
V. C. Beebe	do	16	125 00	30 76
* Deceased.				
† Traveling expenses, etc., \$35.70; postage, stationery, etc., \$782.81.				

DETAILED STATEMENT, ETC.—(Continued).

NAME.	Position held.	Date.	Services.	Expenses.
Wm. T. Hughes	Assistant Commissioner	1898. February 16	\$125 00	\$19 86
F. H. Kracke	do	16	208 33	78 59
T. J. Owens	do	16	125 00	9 62
S. B. Richardson	do	16	125 00	45 26
A. L. Twitchell	do	16	125 00	63 93
Chas. T. Russell	do	16	100 00	28 54
Grove Barnum	Agent	16	6 00	5 92
Geo. Bernhard	do	16	150 00	159 38
Arch D. Clark	do	16	80 00	54 50
J. J. Coughlin	do	16	75 00	12 35
John R. Earl	do	16	75 00	18 77
J. M. Esmay	do	16	75 00	92 37
M. Galligan	do	16	150 00	26 40
W. W. Hall	Cheese instructor	16	100 00	46 39
Chas. S. Kellogg	Agent	16	75 00	1 50
A. M. Kibbe	do	16	60 00	38 98
R. B. Kirkland	do	16	60 00	1 00
Jas. E. Langdon	do	16	150 00	71 10
John McGuire	do	16	80 00	53 14
M. T. Morgan	Cheese instructor	16	100 00	100 92
C. J. Morganstern	Agent	16	75 00	25 81
Chas. F. Naah	do	16	75 00	28 16
John T. Norton	do	16	80 00	16 20

R. H. Palmer	do	16	50 00	21 19
W. C. Patrick	do	16	80 00	77 65
Jos. M. Quigley	do	16	75 00	45 95
H. A. Rees	do	16	100 00	23 71
Chas. Sears	Cheese instructor	16	80 00	53 50
Geo. A. Smith	Agent	16	100 00	.....
C. J. Standart	Cheese instructor	16	75 00	11 20
C. A. Warren	Agent	16	75 00	21 54
Theo. J. Bradley	do	16	5 00	.....
Jos. F. Gealer	Chemist	16	284 00	15 86
S. A. Lattimore	do	16	67 50	.....
E. G. Love	do	16	138 75	.....
John A. Miller	do	16	210 00	3 85
Maurice Perkins	do	16	75 00	15 05
Hugh C. Troy	do	16	100 00	2 15
J. C. Willson	do	16	50 00	.....
J. P. Clark	do	25	125 00	27 18
Geo. D. Babcock	Assistant Commissioner	25	75 00	19 40
W. J. Bennett	Agent	25	75 00	67 36
W. J. Corbett	do	25	60 00	10 20
J. J. Coughlin	do	25	75 00	16 43
M. Dugan	do	25	75 00	40 00
John R. Earl	do	25	75 00	18 82
John E. Kruse	do	25	60 00	.....
Robt. McAdam, Jr.	do	25	75 00	33 63
F. C. Slaughter	do	25	60 00	51 62
N. Van Horne	do	25	75 00	9 90
C. A. Warren	do	25	75 00	29 55
C. A. Wieting	Commissioner	26	.....	34 90

DETAILED STATEMENT, ETC.— (Continued).

NAME.	Position held.	Date.	Services.	Expenses.
John Evans	Clerk	1898.	\$35 00	\$1 08
E. F. Burke	Agent	February	75 00	25 43
Wm. B. Reading	do	26	75 00	9 85
C. B. Wakefield	do	26	60 00	11 41
E. A. Dowd	Stenographer	26	35 33	.....
Helen F. Rossman	do	26	39 33	.....
W. E. Walker	Chemist	26	40 00	.....
L. H. Putnam	Laborer	26	50 00	.....
C. A. Wieting	Commissioner	1	333 33	.....
Geo. L. Flanders	Assistant Commissioner	1	208 33	.....
V. P. D. Lee	Agent	1	125 00	.....
J. M. Hutchings	do	1	75 00	.....
Geo. B. Fellows	do	1	75 00	.....
H. S. Ambler	Assistant Commissioner	14	208 33	47 04
Geo. L. Flanders	do	14	.....	*310 46
Wm. T. Hughes	do	14	125 00	40 42
F. H. Kracke	do	14	208 33	51 65
A. L. Twitchell	do	14	125 00	62 35
C. H. Allen	do	14	60 00	6 20
Chas. Burke	Agent	14	75 00	36 60
Arch D. Clark	do	14	80 00	46 65
J. M. Esmay	do	14	75 00	78 26
A. L. Haines	do	14	75 00	12 13

* Traveling expenses, etc., \$39.65; postage, stationery, etc., \$270.81.

John McGuire	do	14	80 00	44 44
M. T. Morgan	Cheese instructor	14	100 00	85 96
W. B. Mynderse	Agent	14	60 00	4 26
John T. Norton	do	14	80 00	40 50
Simon Nussebaum	do	14	75 00	.....
R. H. Palmer	do	14	75 00	37 93
W. C. Patrick	do	14	80 00	52 35
Chas. Sears	do	14	80 00	54 32
Geo. A. Smith	Cheese instructor	14	100 00	.....
Hugh C. Troy	Chemist	14	100 00	35
John A. Miller	do	14	100 00	.....
E. J. Wheeler	do	14	166 66	8 44
Chas. H. Cook	Veterinarian	14	5 00	.....
V. C. Beebe	Assistant Commissioner	30	125 00	43 59
J. P. Clark	do	30	125 00	39 78
T. J. Owens	do	30	125 00	4 10
S. B. Richardson	do	30	125 00	43 00
Chas. T. Russell	do	30	100 00	33 34
Geo. D. Babcock	Agent	30	75 00	13 38
W. J. Bennett	do	30	75 00	56 56
Geo. Bernhard	do	30	75 00	73 49
W. J. Corbett	do	30	60 00	2 16
J. J. Coughlin	do	30	75 00	15 74
John R. Earl	do	30	75 00	12 90
Michael Galligan	do	30	75 00	10 30
W. W. Hall	Cheese instructor	30	100 00	39 34
Chas. S. Kellogg	Agent	30	75 00	8 50
A. M. Kibbe	do	30	60 00	58 91
R. R. Kirkland	do	30	60 00	72 56

DETAILED STATEMENT, ETC.—(Continued).

NAME.	Position held.	Date.	Services.	Expenses.
John E. Kruse	Agent	1898. March	\$60 00	.....
Jas. E. Langdon	do	30	75 00	\$27 15
Robt. McAdam, Jr.	do	30	75 00	13 19
C. J. Morganstern	do	30	75 00	26 55
Chas. F. Nash	do	30	75 00	59 37
J. M. Quigley	do	30	75 00	47 74
Wm. B. Reading	do	30	75 00	5 44
H. A. Rees	Cheese instructor	30	100 00	52 25
F. C. Slaughter	Agent	30	60 00	43 39
C. J. Standart	do	30	75 00	9 35
N. Van Horne	do	30	75 00	12 54
C. B. Wakefield	do	30	60 00	62 35
C. A. Warren	do	30	75 00	16 40
Jos. F. Geisler	Chemist	30	132 12	50
E. G. Love	do	30	117 25	.....
Wm. H. Kelly	Veterinarian	30	82 50	21 30
Chas. A. Wieting	Commissioner	April	333 34	.....
Geo. L. Flanders	Assistant Commissioner	1	208 34	.....
V. P. D. Lee	Agent	1	125 00	.....
J. M. Hutchings	do	1	75 00	.....
Geo. B. Fellows	do	1	75 00	.....
John Evans	Clerk	2	35 00	8 31
H. S. Ambler	Assistant Commissioner	4	208 33	36 64

Geo. L. Flanders	do	4	33 34	270 52
Helen F. Roseman	Stenographer	4	33 34	..
Elizabeth A. Dowd	do	4	33 34	..
C. H. Allen	Agent	4	60 00	10 01
Chas. Burke	do	4	75 00	34 52
E. F. Burke	do	4	75 00	47 83
M. Dugan	do	4	75 00	28 23
Geo. B. Fellows	do	4	75 00	4 31
A. L. Haines	do	4	75 00	..
M. T. Morgan	Cheese instructor	4	100 00	92 91
W. B. Mynderse	Agent	4	60 00	14 10
Geo. A. Smith	Cheese instructor	4	100 00	8 53
E. S. Wilson	Agent	4	6 00	1 50
W. E. Walker	Chemist	4	40 00	..
E. J. Wheeler	do	4	166 66	39 10
J. C. Willson	do	4	50 00	22 76
Chas. Flanders	Laborer	4	50 00	1 68
C. A. Wieting	Commissioner	25	125 00	58 46
V. C. Beebe	Assistant Commissioner	25	125 00	1 95
J. P. Clark	do	25	125 00	72 25
Wm. T. Hughes	do	25	125 00	37 56
F. H. Kracke	do	25	208 33	122 42
T. J. Owens	do	25	125 00	8 11
S. B. Richardson	do	25	125 00	51 75
C. T. Russell	do	25	100 00	48 27
A. L. Twitchell	do	25	125 00	83 05
Geo. D. Babcock	Agent	25	75 00	7 30
W. J. Bennett	do	25	75 00	63 44
J. J. Coughlin	do	25	75 00	33 36

* Postage, stationery, etc.

DETAILED STATEMENT, ETC.—(Continued).

NAME.	Position held.	Date.	Services.	Expenses.
Jas. E. Langdon	Agent	1897. December 28	\$75 00	\$40 31
John McGuire	do	28	80 00	55 15
V. A. Moore	Bacteriologist	28	.....	12 66
M. T. Morgan	Cheese instructor	28	100 00	80 91
C. J. Morganstern	Agent	28	75 00	29 62
Chas. F. Nash	do	28	75 00	55 73
John T. Norton	do	28	80 00	52 85
R. H. Palmer	do	28	66 00	41 46
W. C. Patrick	do	28	80 00	54.56
J. M. Quigley	do	28	75 00	46 20
Wm. B. Reading	do	28	75 00	4 45
Chas. T. Russell	do	28	60 00	58 89
F. C. Slaughter	do	28	60 00	58 41
C. J. Standart	do	28	75 00	11 40
N. Van Horne	do	28	75 00	42 95
C. B. Wakefield	do	28	60 00	41 33
Theo. Deecke	Chemist	28	15 00	.....
Jos. F. Geisler	do	28	84 49	4 63
S. A. Lettimore	do	28	10 00	.....
E. G. Love	do	28	42 25	.....
John A. Miller	do	28	100 00
Maurice Perkins	do	28	100 00	27 06
Hugh C. Troy	do	28	100 00	2 94

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F. B. Van Denburgh	do	28	15 00
Ellwyn Waller	do	28	25 00
L. H. Putnam	Laborer	28	50 00
Wm. H. Kelly	Veterinarian	28	112 50	27 76
1898.				
Chas. A. Wieting	Commissioner	6	.....	49 21
Geo. L. Flanders	Assistant Commissioner	6	.....	*524 50
F. H. Kracke	do	6	208 33	82 61
Chas. Burke	Agent	6	75 00	28 50
Arch D. Clark	do	6	80 00	50 65
J. M. Esmay	do	6	75 00	71 07
A. L. Haines	do	6	75 00	30 58
John E. Kruse	do	6	60 00	52 07
John McGuire	do	6	80 00	40 26
M. T. Morgan	Cheese instructor	6	100 00	105 44
John T. Norton	Agent	6	80 00	41 00
Simon Nussbaum	do	6	75 00	.....
W. C. Patrick	do	6	80 00	53 00
H. A. Rees	Cheese instructor	6	100 00	91 04
Chas. Sears	Agent	6	160 00	84 10
Geo. A. Smith	Cheese instructor	6	100 00	.....
C. A. Warren	Agent	6	75 00	20 94
E. J. Wheeler	Chemist	6	166 66	34 32
J. O. Willson	do	6	50 00	.....
O. A. Wieting	Commissioner	1	333 33	.....
Geo. L. Flanders	Assistant Commissioner	1	208 33	.....
V. P. D. Lee	Agent	1	125 00	.....
J. M. Hutchings	do	1	75 00	.....
Geo. B. Fellows	do	1	75 00	.....

* Traveling expenses, use of team, postage and stationery.

DETAILED STATEMENT, ETC.—(Continued).

NAME.	Position held.	Date.	Services.	Expenses.
		1898.		
		February		
H. S. Ambler	Assistant Commissioner	3	\$208 33	\$81 54
V. C. Beebe	do	3	125 00	32 04
J. P. Clark	do	3	125 00	36 31
Wm. T. Hughes	do	3	125 00	27 70
T. Jas. Owens	do	3	125 00	10 62
S. B. Richardson	do	3	125 00	37 52
A. L. Twitchell	do	3	125 00	77 72
Geo. D. Babcock	Agent	3	75 00	23 15
W. J. Bennett	do	3	75 00	68 13
W. J. Corbett	do	3	60 00	28
M. Dugan	do	3	75 00	43 98
W. W. Hall	Cheese instructor	3	100 00	31 77
Chas. S. Kellogg	Agent	3	150 00	32 32
A. M. Kibbe	do	3	60 00	35 58
R. R. Kirkland	do	3	120 00	69 15
John E. Kruse	do	3	60 00	68 11
Robt. McAdam, Jr.	do	3	150 00	93 49
C. J. Morganstern	do	3	75 00	33 51
Chas. F. Nash	do	3	75 00	39 89
R. H. Palmer	do	3	72 00	36 86
J. M. Quigley	do	3	75 00	51 49
Wm. B. Reading	do	3	75 00	14 05
H. A. Rees	Cheese instructor	3	100 00	35 09

C. T. Russell	Agent	3	60 00	47 37
F. C. Slaughter	do	3	60 00	74 24
C. J. Standart	do	3	75 00	13 25
N. Van Horne	do	3	75 00	36 63
C. B. Wakefield	do	3	60 00	40 45
Jos. F. Geisler	Chemist	3	81 00	1 37
E. G. Love	do	3	113 75	.....
Hugh C. Troy	do	3	100 00	6 05
F. P. Van Denburgh	do	3	40 00	6 09
Wm. H. Kelly	Veterinarian	3	75 00	37 14
M. Quigley	do	3	500 00	70 33
Estate of C. R. Payne	*Assistant Commissioner	3	125 00	26 49
Chas. A. Wieting	Commissioner	7	.....	55 55
Geo. L. Flanders	Assistant Commissioner	7	.....	†818 41
John Evans	Clerk	7	35 00	95
E. A. Dowd	Stenographer	7	44 53	.....
Helen F. Rossman	do	7	52 93	.....
O. H. Allen	Agent	7	60 00	21 25
Chas. Burke	do	7	75 00	21 05
E. F. Burke	do	7	75 00	32 36
A. L. Haines	do	7	75 00	9 82
J. M. Hutchings	do	7	.....	27 80
W. B. Mynderse	do	7	60 00	23 90
Simon Nussbaum	do	7	75 00	.....
W. E. Walker	Chemist	7	40 00	.....
E. J. Wheeler	do	7	166 66	13 31
L. H. Putnam	Laborer	7	50 00	6 69
Henry S. Ambler	Assistant Commissioner	16	208 33	31 67
V. C. Beebe	do	16	125 00	30 76

* Deceased.

† Traveling expenses, etc., \$35.70; postage, stationery, etc., \$782.81.

DETAILED STATEMENT, ETC.—(Continued).

NAME.	Position held.	Date.	Services.	Expenses.
		1898.		
Wm. T. Hughes	Assistant Commissioner	February	\$125 00	\$19 86
F. H. Kracke	do		208 33	78 59
T. J. Owens	do		125 00	9 62
S. B. Richardson	do		125 00	45 26
A. L. Twitchell	do		125 00	63 93
Chas. T. Russell	do		100 00	28 54
Grove Barnum	Agent		6 00	5 92
Geo. Bernhard	do		150 00	159 38
Arch D. Clark	do		80 00	54 50
J. J. Coughlin	do		75 00	12 35
John R. Earl	do		75 00	18 77
J. M. Esmay	do		75 00	92 37
M. Galligan	do		150 00	26 40
W. W. Hall	Cheese instructor		100 00	46 39
Chas. S. Kellogg	Agent		75 00	1 50
A. M. Kibbe	do		60 00	38 98
R. R. Kirkland	do		60 00	1 00
Jas. E. Langdon	do		150 00	71 10
John McGuire	do		80 00	53 14
M. T. Morgan	Cheese instructor		100 00	100 92
C. J. Morganstern	Agent		75 00	25 81
Chas. F. Nash	do		75 00	28 16
John T. Norton	do		80 00	16 20

R. H. Palmer	do	16	50 00	21 19
W. C. Patrick	do	16	80 00	77 65
Jos. M. Quigley	do	16	75 00	45 95
H. A. Rees	do	16	100 00	23 71
Chas. Sears	Cheese instructor	16	80 00	53 50
Geo. A. Smith	Agent	16	100 00	.....
C. J. Standart	Cheese instructor	16	75 00	11 20
C. A. Warren	Agent	16	75 00	21 54
Theo. J. Bradley	do	16	5 00	.....
Jos. F. Geisler	Chemist	16	284 00	15 86
S. A. Lattimore	do	16	67 50	.....
E. G. Love	do	16	138 75	.....
John A. Miller	do	16	210 00	3 85
Maurice Perkins	do	16	75 00	15 05
Hugh C. Troy	do	16	100 00	2 15
J. C. Willson	do	16	50 00	.....
J. P. Clark	Assistant Commissioner	25	125 00	27 18
Geo. D. Babcock	Agent	25	75 00	19 40
W. J. Bennett	do	25	75 00	67 36
W. J. Corbett	do	25	60 00	10 20
J. J. Coughlin	do	25	75 00	16 43
M. Dugan	do	25	75 00	40 00
John R. Earl	do	25	75 00	18 82
John E. Kruse	do	25	60 00	.....
Robt. McAdam, Jr.	do	25	75 00	33 63
F. C. Slaughter	do	25	60 00	51 62
N. Van Horne	do	25	75 00	9 90
C. A. Warren	do	25	75 00	29 55
C. A. Wieting	Commissioner	26	.....	34 90

DETAILED STATEMENT, ETC.— (Continued).

NAME.	Position held.	Date.	Services.	Expenses.
John Evans	Clerk	1898. February 26	\$35 00	\$1 08
E. F. Burke	Agent	26	75 00	25 43
Wm. B. Reading	do	26	75 00	9 85
C. B. Wakefield	do	26	60 00	11 41
E. A. Dowd	Stenographer	26	35 33	.....
Helen F. Rossman	do	26	39 33	.....
W. E. Walker	Chemist	26	40 00	.....
L. H. Putnam	Laborer	26	50 00	.....
C. A. Wieting	Commissioner	1 March	333 33	.....
Geo. L. Flanders	Assistant Commissioner	1	208 33	.....
V. P. D. Lee	Agent	1	125 00	.....
J. M. Hutchings	do	1	75 00	.....
Geo. B. Fellows	do	1	75 00	.....
H. S. Ambler	Assistant Commissioner	14	208 33	47 04
Geo. L. Flanders	do	14	.....	*310 46
Wm. T. Hughes	do	14	125 00	40 42
F. H. Kracke	do	14	208 33	51 65
A. L. Twitchell	do	14	125 00	62 35
C. H. Allen	do	14	60 00	6 20
Chas. Burke	Agent	14	75 00	36 60
Arch D. Clark	do	14	80 00	46 65
J. M. Esmay	do	14	75 00	78 26
A. L. Haines	do	14	75 00	12 13

* Traveling expenses, etc., \$39.65; postage, stationery, etc., \$270.81.

John McGuire	do	14	80 00	44 44
M. T. Morgan	Cheese instructor	14	100 00	85 96
W. B. Mynderse	Agent	14	60 00	4 26
John T. Norton	do	14	80 00	40 50
Simon Nusbaum	do	14	75 00	.....
R. H. Palmer	do	14	75 00	37 93
W. C. Patrick	do	14	80 00	52 35
Chas. Sears	do	14	80 00	54 32
Geo. A. Smith	Cheese instructor	14	100 00	.....
Hugh C. Troy	Chemist	14	100 00	35
John A. Miller	do	14	100 00	.....
E. J. Wheeler	do	14	166 66	8 44
Chas. H. Cook	Veterinarian	14	5 00	.....
V. C. Beebe	Assistant Commissioner	30	125 00	43 59
J. P. Clark	do	30	125 00	39 78
T. J. Owens	do	30	125 00	4 10
S. B. Richardson	do	30	125 00	43 00
Chas. T. Russell	do	30	100 00	33 34
Geo. D. Babcock	Agent	30	75 00	13 38
W. J. Bennett	do	30	75 00	56 56
Geo. Bernhard	do	30	75 00	73 49
W. J. Corbett	do	30	60 00	2 16
J. J. Coughlin	do	30	75 00	15 74
John R. Earl	do	30	75 00	12 90
Michael Galligan	do	30	75 00	10 30
W. W. Hall	Cheese instructor	30	100 00	39 34
Chas. S. Kellogg	Agent	30	75 00	8 50
A. M. Kibbe	do	30	60 00	58 91
R. R. Kirkland	do	30	60 00	72 56

DETAILED STATEMENT, ETC.—(Continued).

NAME.	Position held.	Date.	Services.	Expenses.
John E. Kruse	Agent	1898. March	\$60 00	..... \$27 15
Jas. E. Langdon	do	30	75 00	13 39
Robt. McAdam, Jr.	do	30	75 00	26 55
C. J. Morganstern	do	30	75 00	59 37
Chas. F. Nash	do	30	75 00	47 74
J. M. Quigley	do	30	75 00	5 44
Wm. B. Reading	do	30	100 00	52 25
H. A. Rees	Cheese instructor	30	60 00	43 39
F. C. Slaughter	Agent	30	75 00	9 35
C. J. Standart	do	30	75 00	12 54
N. Van Horne	do	30	60 00	62 35
C. B. Wakefield	do	30	75 00	16 40
C. A. Warren	do	30	132 12	50
Jos. F. Geisler	Chemist	30	117 25	.....
E. G. Love	do	30	82 50	21 80
Wm. H. Kelly	Veterinarian	30	333 34	.....
Chas. A. Wieting	Commissioner	April	208 34	.....
Geo. L. Flanders	Assistant Commissioner	1	125 00	.....
V. P. D. Lee	Agent	1	75 00	.....
J. M. Hutchings	do	1	75 00	.....
Geo. B. Fellows	do	1	35 00	8 31
John Evans	Clerk	2	208 33	36 64
H. S. Ambler	Assistant Commissioner	4		

Geo. L. Flanders	do	4	33 34	270 52
Helen F. Roseman	Stenographer	4	33 34	.....
Elizabeth A. Dowd	do	4	33 34	.....
C. H. Allen	Agent	4	60 00	10 01
Chas. Burke	do	4	75 00	34 52
E. F. Burke	do	4	75 00	47 83
M. Dugan	do	4	75 00	28 23
Geo. B. Fellows	do	4	75 00	4 31
A. L. Haines	do	4	75 00	.....
M. T. Morgan	Cheese instructor	4	100 00	92 91
W. B. Mynderse	Agent	4	60 00	14 10
Geo. A. Smith	Cheese instructor	4	100 00	8 52
E. S. Wilson	Agent	4	6 00	1 50
W. E. Walker	Chemist	4	40 00	.....
E. J. Wheeler	do	4	166 66	39 10
J. C. Willson	do	4	50 00	22 76
Chas. Flanders	Laborer	4	50 00	1 68
C. A. Wieting	Commissioner	25	.....	58 46
V. C. Beebe	Assistant Commissioner	25	125 00	1 95
J. P. Clark	do	25	125 00	72 25
Wm. T. Hughes	do	25	125 00	37 56
F. H. Kracke	do	25	208 33	122 42
T. J. Owens	do	25	125 00	8 11
S. B. Richardson	do	25	125 00	51 75
C. T. Russell	do	25	100 00	48 27
A. L. Twitchell	do	25	125 00	83 05
Geo. D. Babcock	Agent	25	75 00	7 30
W. J. Bennett	do	25	75 00	63 44
J. J. Coughlin	do	25	75 00	33 36

* Postage, stationery, etc.

DETAILED STATEMENT, ETC.—(Continued).

NAME.	Position held.	Date.	Services.	Expenses.
Geo. Bernhard	Agent	1898. April	\$75 00	\$88 30
W. J. Corbett	do	25	60 00	2 06
A. D. Clark	do	25	80 00	60 20
A. S. Delano	do	25	75 00	31 69
M. Dugan	do	25	75 00	68 15
J. R. Earl	do	25	75 00	22 87
J. M. Esmay	do	25	75 00	97 09
M. Galligan	do	25	75 00	14 58
W. W. Hall	Cheese instructor	25	100 00	47 83
C. S. Kellogg	Agent	25	75 00	47 68
J. E. Kruse	do	25	60 00	.....
A. M. Kibbe	do	25	60 00	61 34
J. E. Langdon	do	25	75 00	38 53
C. J. Morganstern	do	25	75 00	53 54
Robt. McAdam, Jr.	do	25	75 00	21 61
J. McGuire	do	25	80 00	55 60
S. Nussbaum	do	25	75 00	.....
O. E. Nash	do	25	75 00	56 29
J. T. Norton	do	25	80 00	50 65
R. H. Palmer	do	25	75 00	31 65
W. C. Patrick	do	25	80 00	91 81
J. M. Quigley	do	25	75 00	50 66
W. B. Reading	do	25	75 00	9 25

H. A. Rea	Cheese instructor	25	100 00	25 64
C. J. Standart	Agent	25	75 00	21 22
Chas. Sears	do	25	80 00	69 60
F. C. Slaughter	do	25	60 00	68 55
N. Van Horne	do	25	75 00	14 02
C. A. Warren	do	25	75 00	27 34
C. B. Wakefield	do	25	60 00	38 91
Theo. Deecke	Chemist	25	20 00	.....
Jos. F. Geisler	do	25	171 75	1 87
E. G. Love	do	25	140 00	.....
John A. Miller	do	25	115 00	.....
Hugh C. Troy	do	25	100 00	2 85
F. P. Van Denburgh	do	25	50 00	7 70
J. C. Willson	do	25	50 00	.....
Michael Quigley	Veterinarian	25	500 00	27 11
New York Stencil Works	Cheese brands	25	.....	35 00
Geo. L. Flanders	Assistant Commissioner	27	208 33	.....
C. A. Wieting	Commissioner	2	333 33	.....
V. P. D. Lee	Agent	2	125 00	.....
J. M. Hutchings	do	2	75 00	.....
Geo. B. Fellows	do	2	75 00	.....
Helen F. Rossman	Stenographer	2	60 00	.....
Geo. L. Flanders	Assistant Commissioner	3	.....	*439 60
E. A. Dowd	Stenographer	3	40 00	.....
C. H. Allen	Agent	3	60 00	8 73
E. F. Burke	do	3	75 00	44 83
J. M. Esmay	do	3	75 00	79 40
A. L. Haines	do	3	75 00	15 72
R. R. Kirkland	do	3	60 00	43 49

* Traveling expenses, etc., \$12.58; postage, stationery, etc., \$427.02.

DETAILED STATEMENT, ETC.— (Continued).

NAME.	Position held.	Date.	Services.	Expenses.
M. T. Morgan	Cheese instructor	1898.		
W. B. Mynderse	Agent	May	\$100 00	\$99 35
Simon Nussbaum	do	3	60 00	15 98
W. C. Patrick	do	3	75 00	.....
Geo. A. Smith	do	3	80 00	62 20
S. A. Latimore	Cheese instructor	3	50 00	33 66
E. J. Wheeler	Chemist	3	42 50	.....
Chas. Flanders	do	3	196 66	.....
John Evans	Laborer	3	50 00	5 05
W. E. Walker	Clerk	April	35 00	3 00
Geo. L. Flanders	Chemist	30	40 00	.....
H. S. Ambler	Assistant Commissioner	May	208 33	41 67
Geo. L. Flanders	do	6	208 33	71 35
Chas. Burke	do	9	208 33	12 58
Arch D. Clark	Agent	9	75 00	31 62
Geo. B. Fellows	do	9	80 00	47 15
John McGuire	do	9	.....	3 60
John T. Norton	do	9	80 00	32 25
Chas. Sears	do	9	80 00	43 90
V. C. Beebe	Assistant Commissioner	9	80 00	61 50
J. P. Clark	do	24	125 00	44 04
Wm. T. Hughes	do	24	125 00	35 81
F. H. Kracke	do	24	125 00	24 67
	do	24	208 33	91 70

T. J. Owens.	do	24	125 00	5 86
S. B. Richardson	do	24	125 00	47 78
Chas. T. Russell	do	24	100 00	66 97
A. L. Twitchell	do	24	125 00	62 30
Geo. D. Babcock	Agent	24	75 00	17 52
W. J. Bennett	do	24	75 00	58 87
Geo. Bernhard	do	24	75 00	80 51
W. J. Corbett	do	24	75 00	5 21
J. J. Coughlin	do	24	75 00	18 54
A. S. Delano	do	24	75 00	17 10
M. Dugan	do	24	75 00	64 25
John R. Earl	do	24	75 00	14 45
R. A. French	do	24	32 50	15 45
M. Galligan	do	24	75 00	12 75
W. W. Hall	Cheese instructor	24	100 00	57 75
Chas. S. Kellogg	Agent	24	75 00	29 15
A. M. Kibbe	do	24	75 00	51 18
R. R. Kirkland	do	24	75 00	25 90
Jas. E. Langdon	do	24	75 00	42 57
C. J. Morganstern	do	24	75 00	49 74
Chas. F. Nash	do	24	75 00	46 32
R. H. Palmer	do	24	75 00	33 14
J. M. Quigley	do	24	75 00	37 05
Wm. B. Reading	do	24	75 00	6 20
H. A. Rees	Cheese instructor	24	100 00	30 50
F. C. Slaughter	Agent	24	75 00	63 97
C. J. Standart	do	24	75 00	14 20
N. Van Horne	do	24	75 00	33 48
C. B. Wakefield	do	24	75 00	1 50

DETAILED STATEMENT, ETC.—(Continued).

NAME.	Position held.	Date.	Services.	Expenses.
Chas. A. Warren	Agent.	1898.	\$75 00	\$23 64
John A. Miller	Chemist	May	100 00	.....
J. C. Willson	do	24	50 00	.....
Chas. H. Cook	Veterinarian	24	5 00	.....
New York Stencil Works	Cheese brands.	24	.....	70 00
C. A. Wieting	Commissioner	26	333 33	.....
V. P. D. Lee	Agent	26	125 00	.....
J. M. Hutchings	do	26	75 00	.....
Geo. B. Fellows	do	26	75 00	.....
Helen F. Rossman	Stenographer	26	60 00	.....
H. S. Matteson	Agent	28	60 00	37 12
John Evans	Clerk	28	35 00	1 70
C. A. Wieting	Commissioner	June	.....	41 66
Geo. L. Flanders	Assistant Commissioner	3	208 33	41 67
H. S. Ambler	do	6	208 33	70 36
Geo. L. Flanders	do	6	.....	*683 62
Wm. T. Hughes	do	6	125 00	28 39
S. B. Richardson	do	6	125 00	65 09
C. H. Allen	do	6	75 00	12 35
Chas. Burke	Agent	6	75 00	24 70
E. F. Burke	do	6	75 00	51 86
J. M. Esmay	do	6	75 00	72 16
A. L. Haines	do	6	75 00	9 78
* Postage, stationery, etc.				

John E. Kruse	do	6	75 00	23 52
Robt. McAdam, Jr.	do	6	75 00	33 93
V. A. Moore	Bacteriologist	6	.....	11 70
M. T. Morgan	Cheese Instructor	6	100 00	75 76
Wm. B. Mynderse	Agent	6	60 00	16 31
Simon Nussbaum	do	6	75 00	.....
Theo. Deecke	Chemist	6	35 00	.....
S. A. Lattimore	do	6	15 00	.....
E. G. Love	do	6	75 00	.....
John A. Miller	do	6	5 00	.....
Hugh C. Troy	do	6	100 00	7 50
E. J. Wheeler	do	6	176 66	3 73
E. A. Dowd	Stenographer	6	40 00	.....
Chas. Flanders	Laborer	6	50 00	2 54
New York Stencil Works	Cheese brands	6	.....	35 00
F. C. Slaughter	Agent	21	75 00	61 08
V. C. Beebe	Assistant Commissioner	23	125 00	39 80
T. J. Owens	do	23	125 00	12 14
Chas. T. Russell	do	23	100 00	45 10
A. L. Twitchell	do	23	125 00	58 45
W. J. Bennett	Agent	23	75 00	76 36
Geo. Bernhard	do	23	75 00	84 18
Arch D. Clark	do	23	80 00	45 40
J. J. Coughlin	do	23	75 00	25 60
A. S. Delano	do	23	75 00	24 62
M. Dugan	do	23	75 00	66 22
John R. Earl	do	23	75 00	22 39
R. A. French	do	23	75 00	22 01
M. Galligan	do	23	75 00	16 15

DETAILED STATEMENT, ETC.—(Continued).

NAME.	Position held.	Date.	Services.	Expenses.
W. E. Griffiths	Agent	1898. June	\$60 00	\$30 50
A. M. Kibbe	do	23	75 00	53 98
R. R. Kirkland	do	23	75 00	80 08
Jas. E. Langdon	do	23	75 00	37 50
Robt. McAdam, Jr.	do	23	75 00	70 57
John McGuire	do	23	80 00	46 30
C. J. Morganstern	do	23	75 00	37 84
Chas. F. Nash	do	23	75 00	63 79
R. H. Palmer	do	23	75 00	35 26
W. C. Patrick	do	23	80 00	76 54
Jos. M. Quigley	do	23	75 00	50 04
Wm. B. Reading	do	23	75 00	15 35
H. A. Rees	Cheese Instructor	23	100 00	58 60
Chas. Sears	Agent	23	80 00	62 63
Wm. H. Kelly	Veterinarian	23	45 00	14 91
C. J. Standart	Agent	23	75 00	18 85
N. Van Horne	do	23	75 00	64 03
C. A. Warren	do	23	75 00	27 81
John A. Miller	Chemist	23	100 00	.....
J. C. Willson	do	23	50 00	.....
C. A. Wieting	Commissioner	July	333 33	41 66
V. P. D. Lee	Agent	1	125 00	.....
J. M. Hutchings	do	1	75 00	.....

Geo. B. Fellows	do	Stenographer	1	75 00	.....
Helen F. Roseman	do	Chemist	1	60 00	.....
Hugh C. Troy	do	Assistant Commissioner	1	100 00	5 75
Geo. L. Flanders	do	Clerk	1	35 00	460 42
John Evans	do	Agent	1	75 00	3 21
E. F. Burke	do	Assistant Commissioner	1	416 67	50 82
F. H. Kracke	do	Stenographer	5	40 00	138 58
E. A. Dowd	do	Agent	5	75 00	.....
C. H. Allen	do	do	5	75 00	34 93
Chas. Burke	do	do	5	75 00	36 35
J. M. Esmay	do	do	5	75 00	94 45
A. L. Haines	do	do	5	60 00	9 62
H. S. Matteson	do	do	5	100 00	80 49
M. T. Morgan	do	Cheese Instructor	5	60 00	108 64
W. B. Mynderse	do	Agent	5	30 00	39 98
John T. Norton	do	do	5	80 00	11 10
W. C. Patrick	do	do	5	15 00	73 80
Theo. J. Bradley	do	Chemist	5	256 12	6 99
Jos. F. Geisler	do	do	5	47 50	1 25
S. A. Latimore	do	do	5	70 50	.....
E. G. Love	do	do	5	166 66	7 11
E. J. Wheeler	do	Veterinarian	5	28 00	10 03
W. J. Wadsworth	do	Laborer	5	50 00	20 37
C. D. Flanders	do	Assistant Commissioner	7	208 33	41 67
Geo. L. Flanders	do	do	22	208 33	51 46
H. S. Ambler	do	do	22	125 00	55 57
V. C. Beebe	do	do	22	250 00	62 66
J. P. Clark	do	do	22	125 00	9 14
T. J. Owens	do	do	22	125 00	.....

DETAILED STATEMENT, ETC.—(Continued).

NAME.	Position held.	Date.	Services.	Expenses.
		1898.		
		July		
S. B. Richardson	Assistant Commissioner	22	\$125 00	\$66 11
C. T. Russell	do	22	100 00	53 38
A. L. Twitchell	do	22	125 00	61 09
Geo. D. Babcock	Agent	22	150 00	119 46
W. J. Bennett	do	22	75 00	68 11
Geo. Bernhard	do	22	75 00	76 31
A. D. Clark	do	22	80 00	46 85
W. J. Corbett	do	22	75 00	18 38
J. J. Coughlin	do	22	75 00	36 83
A. S. Delano	do	22	75 00	20 75
M. Dugan	do	22	75 00	60 25
J. R. Earl	do	22	75 00	26 83
R. A. French	do	22	75 00	52 34
M. Galligan	do	22	75 00	20 70
W. E. Griffith	do	22	60 00	59 64
C. S. Kellogg	do	22	150 00	115 05
A. M. Kibbe	do	22	75 00	68 47
R. R. Kirkland	do	22	75 00	93 39
J. E. Langdon	do	22	75 00	45 02
V. P. D. Lee	do	22	.....	3 32
Robt. McAdam, Jr.	do	22	75 00	68 27
John McGuire	do	22	80 00	48 10
V. A. Moore	Bacteriologist	22	.....	41 10

C. J. Morganstern	Agent	22	75 00	49 78
C. F. Nash	do	22	75 00	72 38
R. H. Palmer	do	22	75 00	35 88
W. B. Reading	do	22	75 00	13 51
H. A. Rees	Cheese Instructor	22	100 00	83 04
Chas. Sears	Agent	22	80 00	61 87
F. C. Slaughter	do	22	75 00	55 85
C. J. Standart	do	22	75 00	49 43
N. Van Horne	do	22	75 00	76 82
C. B. Wakefield	do	22	75 00	71 75
C. A. Warren	do	22	75 00	30 68
W. H. Kelly	Veterinarian	22	112 50	58 33
M. Quigley	do	22	500 00	46 56
John A. Miller	Chemist	22	100 00	.....
J. C. Willson	do	22	50 00	.....
John Evans	Clerk	27	50 00	.....
C. A. Wieting	Commissioner	29	333 33	41 67
V. P. D. Lee	Agent	29	125 00	.....
J. M. Hutchings	do	29	75 00	.....
Geo. B. Fellows	do	29	75 00	.....
Helen F. Rossman	Stenographer	29	60 00	.....
Elizabeth A. Dowd	do	29	50 00	.....
H. S. Ambler	Assistant Commissioner	4	208 33	48 23
Geo. L. Flanders	do	4	.....	697 72
Wm. T. Hughes	do	4	125 00	63 15
F. H. Kracke	do	4	208 33	85 75
S. B. Richardson	do	4	125 00	62 57
A. L. Twitchell	do	4	125 00	72 79
Chas. Burke	Agent	4	75 00	100 11

August

DETAILED STATEMENT, ETC.— (Continued).

NAME.	Position held.	Date.	Services.	Expenses.
E. F. Burke	Agent	1898.	\$75 00	\$72 46
A. D. Clark	do	August	80 00	53 25
J. M. Esmay	do		75 00	69 66
Geo. B. Fellows	do		.....	9 63
H. S. Matteson	do		60 00	90 09
John McGuire	do		80 00	53 52
M. T. Morgan	Cheese Instructor		100 00	103 97
W. B. Mynderse	Agent		60 00	58 35
J. T. Norton	do		21 00	8 05
W. O. Patrick	do		80 00	70 71
H. A. Rees	Cheese Instructor		100 00	93 52
Chas. Sears	Agent		80 00	65 60
J. F. Geisler	Chemist		95 13	62
S. A. Lattimore	do		32 50	.....
E. G. Love	do		77 75	.....
E. P. McKeefe	do		37 50	.....
Hugh C. Troy	do		100 00	14 70
E. J. Wheeler	do		236 66	4 56
J. C. Willson	do		50 00	.....
W. H. Kelly	Veterinarian		75 00	80 76
A. W. Flanders	Laborer		47 00	.....
C. D. Flanders	do		50 00	3 25
C. H. Allen	Agent		75 00	48 10

	July	125 00	32 40
Wm. T. Hughes	Assistant Commissioner	16	50 38
Jos. M. Quigley	Agent	15	86 84
V. C. Beebe	Assistant Commissioner	17	24 60
T. J. Owens	do	17	68 56
Chas. T. Russell	do	17	71 74
Geo. D. Babcock	Agent	17	84 59
W. J. Bennett	do	17	82 24
Geo. Bernhard	do	17	46 01
M. T. Cain	do	17	96 23
W. J. Corbett	do	17	6 66
R. T. Courtney	do	17	35 69
J. J. Coughlin	do	17	32 30
A. S. Delano	do	17	79 43
M. Dugan	do	17	33 13
J. R. Earl	do	17	56 40
R. A. French	do	17	10 90
M. Galligan	do	17	89 41
W. E. Griffith	do	17	66 94
Chas. S. Kellogg	do	17	60 72
A. M. Kibbe	do	17	147 96
John E. Kruse	do	17	48 53
Jas. E. Langdon	do	17	76 86
Robt. McAdam, Jr.	do	17	65 22
C. J. Morganstern	do	17	62 21
Chas. F. Nash	do	17	35 99
John T. Norton	do	17	47 46
R. H. Palmer	do	17	61 59
Jos. M. Quigley	do	17	16 06
Wm. B. Reading	do	17	

DETAILED STATEMENT, ETC.— (Continued).

NAME.	Position held.	Date.	Services.	Expenses.
		1898.		
F. C. Slaughter	Agent	August	\$75 00	\$81 77
C. J. Standart	do	17	75 00	28 78
N. Van Horne	do	17	75 00	80 54
C. B. Wakefield	do	17	150 00	101 36
C. A. Warren	do	17	75 00	31 68
F. R. Ellinger	Chemist	17	10 00	.....
Jos. F. Geiser	do	17	118 38	1 25
S. A. Lattimore	do	17	20 00	.....
E. G. Love	do	17	26 25	.....
P. C. McIlhiney	do	17	5 00	50
John A. Miller	do	17	175 00	18 15
Wm. M. Smith	do	17	20 00	1 10
Hugh C. Troy	do	17	100 00	15 05
H. B. Ambler	do	17	142 50	52 79
V. P. D. Lee	Veterinarian	25	.....	14 56
C. A. Wieting	Agent	September	333 33	41 67
Geo. L. Flanders	Commissioner		208 33	41 67
V. P. D. Lee	Assistant Commissioner		125 00	.....
J. M. Hutchings	Agent		75 00	.....
Geo. B. Fellows	do	1	75 00	.....
Helen F. Rosman	Stenographer	1	60 00	.....
H. S. Ambler	Assistant Commissioner	8	208 33	90 91
Geo. L. Flanders	do	8	.....	1,021 00

Wm. T. Hughes	do	8	125 00	40 57
F. H. Kracke	do	8	208 33	93 74
John Evans	Clerk	8	50 00	.....
E. A. Dowd	Stenographer	8	50 00	.....
C. H. Allen	Agent	8	75 00	18 86
Geo. Bernhard	do	8	75 00	89 91
Chas. Burke	do	8	75 00	63 33
E. F. Burke	do	8	75 00	74 94
J. M. Esmay	do	8	75 00	82 57
Geo. B. Fellows	do	8	.....	22 47
John E. Kruse	do	8	75 00	85 93
Jas. E. Langdon	do	8	75 00	58 37
H. S. Matteson	do	8	60 00	81 23
V. A. Moore	Bacteriologist	8	.....	66 34
M. T. Morgan	Cheese Instructor	8	100 00	100 68
W. B. Mynderse	Agent	8	60 00	62 29
J. M. Quigley	do	8	75 00	58 17
E. J. Wheeler	Chemist	8	.....	69 15
W. H. Kelly	Veterinarian	8	135 00	103 49
A. W. Flanders	Laborer	8	30 00	.....
Chas. D. Flanders	do	8	50 00	14 89
E. P. McKeefe	Chemist	8	30 00	.....
Chas. A. Wieting	Commissioner	26	333 35	41 67
Geo. L. Flanders	Assistant Commissioner	26	208 34	41 67
V. P. D. Lee	Agent	26	125 00	.....
J. M. Hutchings	do	26	75 00	.....
Geo. B. Fellows	do	26	75 00	.....
Helen F. Rossman	Stenographer	26	60 00	.....
E. F. Burke	Agent	26	75 00	153 56

THE SUGAR BEET INDUSTRY IN NEW YORK.

Now that the experiments in this State along the line of sugar beet culture have arrived at a point where it would hardly seem necessary for their continuance, a history of the movement since the work was placed under the supervision of this Department may prove interesting and timely. It is not my purpose, therefore, to go into the history of sugar-beets and beet sugar from the Napoleonic times, when first they received attention, to the present, but to confine myself to the experiments in New York State.

I do not know how many men may have been engaged in creating an interest in this subject in New York, but the first my attention was called to the matter was in a conversation with Prof. I. P. Roberts of Cornell in 1896, in which he stated that this ought to be a good State for the production of sugar beets, as the sugar beet belt line, 100 miles wide, started up the Hudson to Buffalo, running through the center of the State. Sometime later I met Assemblyman Chas. F. Tupper of Broome county, called his attention to the statement made by the professor, and suggested that steps should be taken to encourage the raising of beets in this State by making an appropriation for experimental work along this line, and a suitable amount of bounty to encourage manufacturers to embark in the business of converting beets into sugar. Mr. Tupper agreed to champion the sugar-beet industry, and how well he did this can best be judged by the results produced by his bill known as the Tupper Sugar Beet Law, being chapter 500 of the Laws of 1897, signed by Governor Black on May 18th of that year.

This law appropriated \$25,000 for the encouragement of the beet-sugar industry, 10 per centum or \$2,500 being placed at the disposal of the Commissioner of Agriculture for the purpose of conducting experiments to determine the adaptability of New York soil for the production of sugar-beets, the remainder to be paid to beet-sugar manufacturers at the rate of 1 cent per pound for all sugar manufactured from New York State beets. This gave the

industry quite a boom and farmers throughout the State became enthusiastic in the matter. A number of enterprising men appreciating the State's encouragement hurriedly erected a factory at Rome, the first one of its kind in the east (the nearest one being in Illinois), where sugar was successfully manufactured for the first time from beets raised on New York soil, October 8, 1897. The beets showed a very high per cent. of sugar and the analysis of 72 samples of sugar which ranged from 93.1 per cent., crystallized sugar to 99.7 per cent., showed conclusively the adaptability of our soil to beet raising, and that we could manufacture beet sugar of as high a grade as that placed on the market by any of the more experienced western sugar-beet manufacturers. These analyses are really remarkable when we consider the fact that the Rome factory was unable to obtain a sufficient supply of seed of standard variety and were compelled to take whatever they could obtain — much of it being inferior.

The factory began operations October 1st and closed for the season February 24, 1898, having manufactured 730,700 pounds of sugar for which the company received from the State the sum of \$7,307 as bounty, leaving a balance on hand of \$15,193 to carry over for the manufacturing season of 1898.

Department's Official Experiments, 1897.

I selected 14 plats of one-half acre each in Albany, Chautauqua, Columbia, Cortland, Genesee, Lewis, Madison, Monroe, Oneida, Schoharie, St. Lawrence and Wyoming counties, and placed an official experimenter in charge of each plat. Two varieties of seed, the Vilmorin Improved and Kleinwanzlebener, were distributed, 10 pounds to each experimenter, and what remained was distributed among farmers anxious to make private experiments. Farmers throughout the State were instructed on sugar-beet raising at Farmers' Institutes, a special series of meetings having been arranged with Prof. H. W. Wiley, the sugar-beet expert of the Department of Agriculture at Washington, as principal speaker. These meetings

were very successful and did much to awaken interest in the new industry in New York. Instructions showing the proper method of planting and caring for the beets were circulated among the growers and blank reports to be filled out by them weekly and returned to the Department were also furnished. From the reports I have compiled the subjoined table showing the results of official experiments for the year 1897 as complete as it was possible to make it. Each plat consisting of only half an acre, the figures for an acre are, of course, estimated. The figures given in the "pounds of sugar per acre" column are correct, provided that in the process of manufacture all the sugar in the beets as shown by analysis was recovered.

Reports of Official Experiments, 1897.

GROWER.	County.	Variety of beet.	Kind of soil.	Lb. sugar per acre.	Tons per acre.	Per cent. of sugar.	Per cent. in juice.	Co-efficient of purity.
1 Frederiet & Severon, Altamont.....	Albany.....	Vilmorin Improved.	.....	1,982.80	4.50	15.14	15.98	81.10
2 J. P. Clark, Falconer.....	Chautauqua.....	Kleinwanzlebeener.	Light sandy loam.....	5,840.00	12.80	15.00	15.50	75.91
3 Herman L. Kent, Westfield.....	Chautauqua.....	Vilmorin Improved.	Loose and mellow.....	4,883.91	14.60	14.60	15.40	75.90
4 H. S. Ambler, Chatham.....	Columbia.....	Kleinwanzlebeener.	Clay loam — somewhat stony.....	8,795.40	13.60	13.70	14.48	79.40
5 L. D. Taylor, Cortland.....	Cortland.....	Vilmorin Improved.	Sandy loam — no stones.....	5,464.80	13.00	15.18	15.98	79.40
6 George M. Gillette, Bergen.....	Genesee.....	Kleinwanzlebeener.	.....	8,773.80	13.00	15.72	16.15	76.40
7 W. Gilligan, Lowville.....	Lewis.....	Vilmorin Improved.	.....	5,183.28	13.86	14.14	14.98	74.70
8 R. O. Morey, Hamilton.....	Madison.....	Kleinwanzlebeener.	.....	8,083.28	13.71	13.74	13.48	76.50
9 George W. Sime, Brockport.....	Monroe.....	Vilmorin Improved.	.....	5,933.76	13.71	13.40	14.10	74.80
10 Chas. H. Phlio, Washington Mills.....	Oneida.....	Kleinwanzlebeener.	.....	7,694.98	13.71	14.60	15.27	76.80
11 A. J. Halner, Cobleskill.....	Schoharie.....	Vilmorin Improved.	.....	1,470.44	4.77	15.08	15.97	74.10
12 Horace G. Tennant, Schoharie.....	Schoharie.....	Kleinwanzlebeener.	Clay flats mixed with sand.....	4,589.14	13.88	15.64	16.46	86.00
13 Arthur Flanders, Hopkinton.....	St. Lawrence.....	Vilmorin Improved.	Sandy loam and clay bottom.....	4,810.38	13.73	14.40	15.18	76.80
14 J. N. Withersall, Arcade.....	Wyoming.....	Kleinwanzlebeener.	.....	4,836.00	13.00	15.73	16.19	86.90
		Vilmorin Improved.	.....	8,304.00	13.80	14.84	14.92	77.40
		Kleinwanzlebeener.	.....	5,727.84	13.80	14.60	15.27	76.80
		Vilmorin Improved.	.....	8,728.56	13.76	13.70	13.44	78.70
		Kleinwanzlebeener.	.....	.....	.....	13.94	12.68	71.80
		Vilmorin Improved.	.....	6,072.10	13.40	13.50	14.1	73.40
		Kleinwanzlebeener.	.....	5,141.26	13.68	14.60	15.98	77.80
		Vilmorin Improved.	.....	4,404.00	13.00	16.68	17.48	83.80
		Kleinwanzlebeener.	.....	4,018.00	13.18	13.48	15.45	78.70
		Vilmorin Improved.	.....	4,600.88	13.38	14.13	14.58	74.80

The cost per acre cannot be justly estimated, as I had to pay for the use of the land and other expenses that would not properly find their way into the expense account of a private experiment. However, \$732.35, including rent of land, was paid to the 14 experimenters for cost of raising beets on the experimental plats. Deducting from this the amount paid for the use of land, about \$350, we get an average cost for half an acre of about \$27.31. On account of extremely wet weather when the seed was first sown, many patches were completely washed out and had to be replanted and the cut-worms did some damage to the beets. The season of 1897 was an unpropitious one from start to finish, and it is, therefore, not surprising that many plats made such a poor showing. While the fact that beets were raised under these conditions containing a percentage of saccharine matter equal to that of beets grown in other States, presages excellent results in an ideal sugar-beet season.

Previous to harvesting, instructions were sent experimenters as to the proper manner of performing the work and a request that samples of beets raised be sent to the Geneva Experiment Station for analysis. This was done and the analytical results are shown in the last three columns of the preceding table.

The Rome Sugar Beet Factory.

Rome is a city of 14,000 inhabitants, 109 miles west northwest of Albany on the Mohawk river, and at the point where the Black River canal connects with the Erie.

The First New York beet-sugar factory is a mile and a half from the station. It contains 8 acres, having 17,000 feet on the Erie canal, 2,000 feet on the Watertown and Ogdensburg railroad and is 300 feet wide. No better location could be selected, so far as facilities for shipping are concerned. The factory is 3-story high and every available space is taken up with machinery. It is really astonishing the quantity of machinery used in the manufacture of beet sugar.

Ground was first broken for the factory in December, 1896, completed September 25, 1897, and operations began October 1st, of

the same year. The capital stock aggregated \$300,000 and about 860 farmers took stock in the company. The buildings cost \$10,000 and the machinery, which was moved from the Farnham (Canada) beet-sugar factory originally cost \$253,000. During the run of the factory 100 men were employed day and night in two shifts.

The whole process of manufacture at Rome is both interesting and instructive, and I, therefore, append it.

The beets after being weighed are conveyed through a trough by a stream of water to the west end of the building, where they are carried by elevator to the beet washers, washed by a left and right-hand screw, and elevated to the top of the building (third story), 35 feet. They are then deposited in the beet slicer, hung on the second floor. Underneath the slicer is a spout hung on a swivel, which feeds twelve circular tanks standing in a circle which is known as the diffusion battery. The slicer cuts the beets into small pieces the shape and size of a small shoestring. It is in this battery that the separation of the sugar and the fiber of the beets takes place. These 12 tanks, being filled with sliced beets, are capped down airtight and filled with boiling hot water, which melts the grain of the sugar and gets it into liquid form. The beets are washed three times in this way, the hot water being driven through them under a pressure of 40-pound steam. The syrup is then drawn off and deposited in 10 large tanks along the side of the building. For every 200 tons of beets put through the diffusion battery 300 tons of syrup is drawn off and deposited in these 10 carbonaceous tanks. In these tanks the syrup meets carbonic acid gas, from a kiln burning immediately north of them, and also the milk of lime. Here the syrup is treated with chemicals, according to the conditions found in it. After remaining in these tanks a certain length of time, the syrup is pumped through 14 large filter presses, taking out the lime and impurities. It is then conveyed through pipes to a large tank at the top of the building, which is filled with screens. The syrup drips through the screens, under-

neath which are burning sulphur-gas furnaces. This gas escapes through the syrup, thereby bleaching it.

So far, there has been no attempt to reduce the quantity of syrup. It now goes to three large vacuum-pans, on the opposite side of the building, 16 inches in diameter and 30 feet high. In these vacuum-pans it is reduced to syrup; then piped into two other similar tanks and then pumped into the sugar boilers; thence it goes to the sugar mixer on the second floor, and then to the centrifugals, on the first, which separate the molasses from the grained sugar; then up an elevator to the third floor, where it enters a large cylinder-shaped revolving tank 4 by 30, where the moisture is all taken out. At the end of this revolving tank is a screen through which the granulated sugar passes, and from there through a spout to the second floor where it is bagged, weighed and stamped ready for shipment. All these various processes have been gone through in the short period of 24 hours.

The surplus molasses is then placed in the crystallization-room where it remains about 6 weeks, or until it crystallizes, after which it again goes through the process of removing the sugar, which is light brown in color and is sold to refineries, where it is put through what is known as the "bone-black process." Some persons have been making a russet shoe-polish from this stuff, and it is thought that is one of the ways in which it will be utilized in the future.

Official Experiments for 1898.

The enthusiasm exhibited by farmers in many localities over this newly-acquired industry — so to speak — excited the curiosity of capitalists, who, after investigating the possibility of making a beet-sugar factory a profitable investment and encouraged by the success of the Rome factory, perhaps, started out to select a suitable location. However many of the proposed factories failed to materialize, the only new one erected this year being at Binghamton.

Fearing that the balance of the sugar-beet appropriation left over from 1897 (more than \$15,000 out of the \$25,000 appro-

priated) would be insufficient to pay sugar bounties of the many proposed factories and the expense of the Department's experiments, I suggested to the Legislature a further appropriation for the continuance of the work. Fifty thousand dollars was appropriated by chapter 191 of the Laws of 1898, and after I pay bounties to both Rome and Binghamton factories and cost of maintaining experimental plats this year, there will be quite a large balance on hand.

I increased the number of experimental plats this year to 22, in order to include counties desirous of experimenting as to suitability of the soil for sugar-beet growing. On account of extremely unfavorable conditions, plat number 17 had to be abandoned and at one time a similar fate seemed to await plat number 16, the experimenter being on the point of giving up in disgust, when he was surprised to see the beets on one-third of the acre showing themselves above ground. He raised on this portion, as will be seen from the table given below, 11,862 pounds of trimmed beets, an estimated yield per acre of 17,793 tons. He used no fertilizer except fresh stable manure. Plat number 5 was seriously damaged as were others by the ravages of the wire cut-worm which has been found to eat off the tops of the beets (not the leaves) and grubs to eat the roots.

This year the experimenters complained of excessive heat, severe drouth, too much periodical rain and the ravages of insects. The reports of experimenters also show that the beets wilted considerably and made very uneven growth. It is to be regretted that samples of the insects which proved so destructive were not sent to the Department for examination, so that their names might be determined and preventive treatment advised.

The table presented is self-explanatory, clearly and correctly showing the results of experiments for 1898 on the Department's experimental plats.

Reports of

GROWER.	County.	Variety of beet— $\frac{1}{4}$ acre each.	Kind of soil.
1 Wesley Schoolcraft, Altamont	Albany	Kleinwanzlebener	Clay loam, some- what gravelly.
2 Schoonmaker & Son, Cedar Hill	Albany	White Vilmorin Improved	
		White Very Rich French	
		Dippe's Elite Kleinwanzlebener	
		Kleinwanzlebener	
		White Vilmorin Improved	
		White Very Rich French	
		Dippe's Elite Kleinwanzlebener	
		Kleinwanzlebener	
3 B. B. Lord, Sircclairville	Chautauqua	Vilmorin Improved White	Loam and grav- elly loam
		White Very Rich French	
		Dippe's Elite Kleinwanzlebener	
		Kleinwanzlebener	
4 Chas. C. Hovey, Bainbridge	Chenango	White Improved Vilmorin	Black loam
		White Very Rich French	
		Dippe's Elite Kleinwanzlebener	
		($\frac{1}{4}$ acre each.)	
5 H. S. Ambler, Chatham	Columbia	Kleinwanzlebener	Clay loam
		White Vilmorin Improved	
		($\frac{1}{4}$ acre.)	
6 A. B. Gray, Poughkeepsie	Dutchess	Kleinwanzlebener	Loam
7 E. F. Baker, Orchard Park	Erie	(1 acre)	Sandy loam
8 J. H. J. Watkins, East Schuyler	Herkimer	White Very Rich French	
		Kleinwanzlebener	
		White Vilmorin Improved	
		White Very Rich French	
		($\frac{1}{4}$ acre each.)	
9 Chas. E. Harrington, Adams Center	Jefferson	White Vilmorin Improved	Limestone loam
		Dippe's Elite Kleinwanzlebener	
		($\frac{1}{4}$ acre each.)	
10 M. D. Swan, Belleville	Jefferson	Kleinwanzlebener	Part clay and sandy loam...
		White Vilmorin Improved	
		($\frac{1}{4}$ acre.)	
11 Fred. L. Webster, Adams	Jefferson	White Vilmorin Improved	Sandy loam
		($\frac{1}{4}$ acre each.)	
		White Very Rich French	
		Dippe's Elite Kleinwanzlebener	
		Kleinwanzlebener	
12 E. J. Searle, Lowville	Lewis	White Vilmorin Improved	Clay loam
		White Very Rich French	
		Dippe's Elite Kleinwanzlebener	
		($\frac{1}{4}$ acre each.)	
13 Brown Bros. Co., Rochester	Monroe	Whitmer's Regal	Clay loam
		White Vilmorin Improved	
		Dippe's Elite Kleinwanzlebener	
		($\frac{1}{4}$ acre each.)	
14 Geo. Van Deveer, Amsterdam	Montgomery	Kleinwanzlebener	Black muck
		White Very Rich French	
		($\frac{1}{4}$ acre.)	
		White Vilmorin Improved	
		Kleinwanzlebener	
15 D. A. Diefendorf, Oneonta	Otsego	White Vilmorin Improved	Loam and clay ..
		White Very Rich French	
		Dippe's Elite Kleinwanzlebener	
		($\frac{1}{4}$ acre.)	
16 Andrew Tuck, Lisbon	St. Lawrence	White Very Rich French	Sandy loam
17 Abandoned		Kleinwanzlebener	
1 C. P. Sanders, Schenectady	Schenectady	White Vilmorin Improved	Mohawk Flats
		White Very Rich French	
		Dippe's Elite Kleinwanzlebener	
		Kleinwanzlebener	
		White Vilmorin Improved	
		White Very Rich French	
		Dippe's Elite Kleinwanzlebener	
19 M. S. Mix, Schoharie.	Schoharie		

Experiments, 1898.

Date of planting.	When up.	Yield of beets trimmed.	Tons per acre, estimated.	Date of harvesting.	Fertilizers used.	Per cent. of sugar.	Per cent. of juice.	Co-efficient of purity.	Average weight of one beet.
		Lbs.							Ozs.
May 31	June 10	1,800 800 900 875	2.800 1.800 1.800 1.750	Oct. 31	None	11.90 13.80 12.80 12.60 13.80	12.50 14.50 13.50 13.80 14.50	80.80 88.30 81.30 83.80 79.30	28 19 24 18 14
May 16	June 20	7,470 3,408 3,404 4,180 4,598	14.940 6.816 6.808 8.380 9.198	Oct. 28	None	14.60 13.90 16.80 11.80	15.40 14.60 17.20 12.40	75.40 79.20 82.40 81.60	16 15 15 20
May 27	June 3	5,097 4,817 5,387	10.194 9.384 10.454	Oct. 25	None	13.00 13.90 14.10 14.30	13.70 14.60 14.80 14.90	88.70 84.40 85.70 88.50	15 16 15 11
May 7	May 20	.....	17.750	Oct. 25	Ten loads of stable manure and 400 lbs. phosphate	11.00 12.40 13.90	11.60 13.10 14.80	77.30 82.20 88.40	13 15 13
May 21	May 29	4,135 4,800	4.135 4.300	Nov. 3	None	15.00 13.40	15.80 14.10	88.80 82.60	8 7
May 12	.....	4,480	8.960	Oct. 31	None	9.40	9.90	70.10	20
May 13	May 20	.....	13.750	Oct. 25	None	13.80 17.40	14.50 18.80	84.00 84.50	20 7
May 24	June 2	43,070	21.535	Oct. 14	Bowker's bone, 1,000 lbs to acre ..	13.80 14.00	14.50 14.70	88.90 86.00	15 13
May 16	May 24	..... .....	10.000 10.000	Oct. 31	None ..	13.90 12.50	13.80 14.20	78.20 81.60	21 18
May 25	June 4	12,685 15,120	25.650 30.240	Oct. 29	400 lbs old dry phosphate	15.80 12.90	16.10 13.60	82.70 76.90	24 25
May 21	.....	10,956 4,707 6,807	10.956 9.414 13.214	Nov. 14	Lester's special potato	19.50 18.80 19.00	19.50 19.80 20.00	68.00 85.20 85.10	9 12 11
May 10	May 23	9,148 9,148 9,148 9,148	18.284 18.284 18.284 18.284	Oct. 30	Great Eastern garden special ..	15.00 13.60 15.00	15.80 14.30 15.80	81.70 77.00 81.60	21 21 18
May 21	May 23	7,000 14,900 5,600	10.500 22.380 8.400	Nov. 14	None .....	.....	.....	.....	.....
June 10	June 24	8,000 5,000 20,000	16.000 16.000 20.000	Nov. 1	One ton of Reed's fertilizer ..	14.20 13.20 13.40	14.90 13.90 14.10	81.40 79.10 80.50	20 22 27
June 6	.....	..... ..... ..... .....	10.000 7.000 8.000 9.000	Nov. 2	Economical brand, 300 lbs ..	15.50 14.50 13.70 16.90	16.80 15.80 14.20 17.80	84.90 82.80 82.20 84.90	18 12 11 17
May 26	June 13	11,932	17.798	Oct. 14	Fresh stable manure	15.60	16.40	81.70	12
.....
May 18	May 26	12,241 10,258 11,548 3,500	24.314 24.432 22.086 7.018	Oct. 27	None	11.80 12.40 13.10 13.80	11.90 13.10 13.80 14.00	81.70 81.30 86.40 85.90	19 21 21 12
May 14	May 27	8,805 4,076 5,500	6.610 9.352 11.000	Oct. 31	None	19.40 20.20 19.50 17.70	20.40 21.20 20.50 18.60	84.00 84.40 82.40 83.50	12 12 12 16

Reports of Experiments,

GROWER.	County.	Variety of beet— $\frac{1}{4}$ acre each.	Kind of soil.
20 C. L. Van Orden, Forest Glen	Ulster.....	<div> <div> Kleinwanzlebener..... White Vilmorin Improved..... White Very Rich French .. Dippe's Elite Kleinwanzlebener Kleinwanzlebener..... White Vilmorin Improved .. White Very Rich French Dippe's Elite Kleinwanzlebener Kleinwanzlebener..... White Vilmorin Improved..... White Very Rich French Dippe's Elite Kleinwanzlebener </div> </div>	Heavy sand and gravelly loam.
21 C. F. Goodman, Fort Ann	Washington..		Clay loam.....
22 W. E. Stearns, Arcade	Wyoming		Loam.....

1898 — Concluded.

Date of planting.	When up.	Yield of beets trimmed.		Tons per acre, estimated.	Date of harvesting.	Fertilizers used.	Per cent of sugar.		Per cent of juice.	Co-efficient of purity.	Average weight of one beet.
		Lbs.									
June 1	Var. dates	90	.18	}	Oct. 29	{ Barnyard manure.....	14.60	15.40	88.80	93	3 1/2
		160	.32				15.20	16.00	80.10	18	1 1/2
		90	.18				14.60	15.40	88.50	9	9
		185	.37				15.00	15.80	85.40	18	18
May 21	June 4	25,500	12.750	}	Nov. 2	{ 800 lbs. Bowker's "Hill and Drill"	14.40	15.20	85.40	18 1/2	18 1/2
							14.20	15.00	85.50	18	18
							14.50	15.30	86.80	18 1/2	18 1/2
							16.10	17.00	86.90	19	19
May 28	June 4	7,800	14.400	}	Oct. 25	{ 800 lbs per acre, Niagara wheat and corn.....	12.80	12.90	80.00	20	20
		4,750	9.500				18.50	14.20	85.70	11 1/2	11 1/2
		5,750	11.500				18.50	14.20	86.00	15 1/2	15 1/2
		7,050	14.100				14.20	14.90	85.0	19 1/2	19 1/2

The Binghamton Factory.

Ground for the second beet-sugar factory in New York State was broken April 16, 1898, and the first run of sugar was made October 26th. The company, known as "The Binghamton Beet Sugar Co.," is an incorporated one with a capital stock of \$440,000.

Unlike the Rome factory, the first year of its existence the contracts of the Binghamton company did not require the farmers who grew the beets for the factory, to take \$4 worth of stock for each ton of beets delivered and receive \$1 in cash. They agreed to pay \$5 cash per ton, delivered by the grower at his nearest railroad station, the freight charges to be borne by the company. They also furnished the seed to growers at almost cost — a shilling a pound — much cheaper than the growers could have purchased it themselves. As it took about 14 pounds of seed to the acre, it cost the grower just \$1.75 per acre for seed. The varieties of beets grown were the Vilmorin Improved, Kleinwanzlebener, and Dippe's Elite Kleinwanzlebener, the seed of which was purchased abroad.

The location is excellent, so far as the shipping facilities and water supply are concerned, the waters of the Susquehanna river bounding the factory on the north, and the Delaware, Lackawanna & Western Railroad in close proximity on the south. The company's grounds comprise about 15 acres. The factory, which is three stories high, well built, and said to contain 2,000,000 bricks, is 265 feet long by 90 feet wide. The cost of buildings and plant approximated \$300,000. The greater part of the machinery was purchased in France by Mr. Julius Van Nieuwenhuyse, the superintendent of the factory, where it had been previously used in the manufacture of sugar. The rest was secured in the United States.

On the south side, close to the factory, are four wooden sheds each 425 feet long, that will accommodate 1,700 tons of beets each. At the time of this visit these were filled to their utmost capacity, and for lack of sufficient room hundreds of tons of beets lay scat-

tered about the grounds. The accommodations for unloading beets are all that could be desired. Between the factory and the nearest beet-shed are railroad tracks, on which freight cars containing beets are switched from the main road. It is said that between 40 and 60 cars a day were unloaded since the factory started. Between the first and second, and the third and fourth sheds are driveways for those who deliver beets to the factory by wagon. The beets are thus handily thrown into the shed, through trap-doors, not to be seen again except as the finished product. Underneath the sheds are trenches, through which water is constantly and swiftly passing, and as the beets are fed into the trenches they are washed and carried along into the factory.

About 1,100 farmers were under contract to furnish beets this year and it is thought that between 15,000 and 17,000 tons will be converted into sugar before the close of the season, making the output of the factory anywhere from 1,500 to 1,700 tons of sugar.

The factory runs day and night and employs 100 men in two shifts of 50 each, working 12 hours. If the plant were run at its full capacity it could utilize 250 tons of beets per day. It is now producing 15 tons of sugar daily. It takes from 24 to 30 hours to convert the beets into sugar. A sample of each run of sugar is analyzed by Chemist Wheeler, of the Department, and no sample so far has shown less than 99.6 per cent. crystallized sugar, the highest and the majority being 99.7.

The product of this factory will be disposed of largely in New York State. Already shipments have been made to Elmira and Ithaca, and the company expects to dispose of a considerable quantity in Rochester, Buffalo and Syracuse. It is also sold in Binghamton. The sugar is very highly spoken of by those who tried it. It is sold as extra fine granulated, and meets the trust price.

A farmer under contract to the factory had five acres sown with beets, and they yielded 20 tons to the acre. Among other growers the number of tons per acre ranges from 8 to 20.

The sugar manufactured at Binghamton is of a snow-white color, pleasant to the taste, and as good, there is no doubt, as any beet sugar manufactured in this country to-day.

The locality where a sugar-beet factory is situated is greatly benefited from a financial point of view. This year over \$100,000 will be paid out by the Binghamton factory to the farmers within a radius of 100 miles, and all this money for a crop they never got a cent for before. But a factory can accomplish little without the coöperation of the farmers. Sugar-beet authorities agree that we can produce as good beets, with as large a per cent. of sugar, from New York soil as from any other soil in the world to-day. Our sugar speaks for itself, and it is only a question of time before it will make a reputation for itself in the markets of the world.

Conclusions.

The sugar beet being peculiarly adapted to the climate and soil of our State, encouraged me, with the others, to recommend to the Legislature of 1897 a bill encouraging the cultivation of the sugar beet. Knowing as I did, from experience, that it was very hard to make farming pay the profit it should for the hard work it requires in the cultivation of grains, since we have been compelled to compete in our markets with the Great West and the countries of South America, and the low freight rates from the west, and believing, as I always have, in diversified farming, I could readily see how a few acres of sugar beets could be grown each year by the average farmer at a profit. But like the cultivation of all plant life, where beets are successfully grown, the grower must have some idea of the adaptability of the soil and particularly how to prepare it for a crop; then give it the same care he would potatoes or corn, and he is sure of a crop, unless something unforeseen happens.

In traveling about the State last summer, I noticed several beet plats planted on a rough, stony soil, probably plowed at a depth of four or five inches and plenty of summer grass growing with

the beet crop, showing that the ground was not prepared before planting. The owner of that plat of beets will tell you that there is no money in raising sugar beets, and I think his experiment would warrant him in saying so. Had he taken a piece of natural corn ground and plowed in July, after taking off a crop of clover hay, then cultivated it once a month, until November, or as often as needed, to kill the weeds as they sprout, then plow and allow to freeze out thoroughly in the winter, he would have no weeds or grass to contend with and could do the work with a horse, the same as for corn.

The tons of beets per acre raised on the official experimental plats during the season of 1897, ranged from 4 to 28, with an average of about 14 tons to the acre. In 1898 the number of tons per acre ranged from a fraction of a ton to 30 tons, or an average of about 13 tons to the acre. On account of the ravages of insects and unfavorable weather several of the experimental plats were almost completely destroyed, and the small yields per acre, which have been placed to their credit, detract materially, in reaching an average, from the excellent yields made on the other plats.

Taking 13 tons per acre as the average for 1898, if the beets were sold to a beet sugar factory, at \$5 per ton (the price the factories are now paying), the grower would receive \$75 for his one acre of beets. Deducting what is considered a fair average cost of raising an acre of beets, \$40, the grower would realize \$30 on the acre, over and above all expenses.

The per cent. of sugar found in the beets raised on the experimental plats last year ranged from 9.4 to 20.2 per cent. of sugar; in juice, 9.9 to 21.2; coefficient of purity, 70 to 88.

The sugar manufactured at the Binghamton factory from New York State beets is shown by the reports of Department Chemist Wheeler to contain from 95.5 to 99.8 per cent. crystallized sugar — the majority of the samples analyzed showing 99.8 — while that manufactured at the Rome factory contained 90.8 to 99.7.

These facts show conclusively that New York can raise sugar beets of as good quality as any State in the Union.

A study of the accompanying tables is sufficient to convince one that the Department's official experiments, conducted as they were under very unfavorable meteorological conditions, and having to combat the ravages of insects, have been a success so far as showing the adaptability of New York soil for beet culture, and that beets containing a high per cent. of sugar can be profitably raised under favorable conditions. The object of these experiments has been attained, and I, therefore, recommend their discontinuance. I would suggest, however, that experiments along the line of raising our own beet seed should be conducted by the New York Experiment Stations.

DISEASES OF ANIMALS.

Important work has been accomplished by this Department during the past year along the line of suppressing contagious and infectious diseases among the farm animals of the Empire State. Important, for only those directly interested can fully appreciate the annual loss to the farmer from these sources. Luckily, the farmer and breeder have helped us in this absolutely necessary work, as is evidenced by the large number of requests for examinations filed with the Department during the past year.

Farmers and breeders have seemingly come to feel that the work of this Department is directly in their interest, and this fact alone will greatly aid us in suppressing any attack of disease among farm animals in the future.

An idea of the importance of keeping careful watch over the diseases which are yearly reducing the farmers' and breeders' herds and flocks, causing almost irreparable loss, may be appreciated when it is known that New York State has, according to the United States Statistician, 621,343 horses, 4,534 mules, 1,416,327 cows, 561,582 oxen and other beef cattle, 809,261 sheep and 632,524 swine.

The loss of farm animals in the United States annually from disease amounts to a very large sum, and farmers of this State stand a very large share.

The farmer should, therefore, realize that he must have an open ear to the claims of the times, claims that are demanding better sewage and water systems for the public good and that are demanding meat and milk from healthy animals, which is just and right in progress with the times.

If it is true that many of the diseases of the human family are communicated to man from animals, the necessity of more caution on our part as a people, to see that the meat and milk placed on our market is as free from disease as possible, is imperative.

I am convinced that many of the diseases of animals are due to bad sanitary conditions, poor ventilated barns and improper food. They have a tendency to produce weak constitutions, susceptible to the germs of disease. Contagious diseases among hogs have given us the most trouble the past year, and in almost every instance where these outbreaks have occurred, we found the animals and their surroundings very filthy, or they were fed on hotel garbage or partly decomposed food of some kind. Such environments have a tendency to propagate disease.

Other diseases which the Department has had to contend with the past year have been verminous bronchitis (commonly termed Hoos), symptomatic anthrax or blackquarter, and sheep scab.

For swine plague, we experimented with the serum prepared by the United States Bureau of Animal Industry, but without encouraging results. We then turned our attention to preventive treatment.

The cases of anthrax and symptomatic anthrax reported were treated by a modified form of what is called the Touissant treatment. Healthy cattle inoculated with the sterilized serum and turned into infected pastures failed to develop the disease, and in many cases animals that had contracted the disease recovered after receiving this treatment. Much is expected along this line in the future, but experiments so far will not justify the recommendation of it as a certain and absolute preventive. The importance to the dairy-men of this State of arresting the spread of this disease, before it

gains a foothold, cannot be fully appreciated by those whose localities have not been visited by this one of the most dreaded of cattle diseases. If a sure preventive and cure be discovered, it will mean the saving of thousands of dollars to the farmers of New York State each year and the preservation of full-blooded stock which it took years to bring to their present state of excellence.

In the summer of 1897, New York farmers sustained great loss by the refusal of Massachusetts, Rhode Island and Connecticut to accept cattle shipped from or through this State on account of the alleged existence of Texas fever here. The reason for such action was that three or four carloads of cattle shipped through New York to the States mentioned were found on arrival at destination to have this fever. Investigation showed that two carloads of calves from the quarantined district were unloaded and fed *en route* at the West Albany stock yards, and that the rules laid down by the Bureau of Animal Industry to place such cattle in separate yards, isolated from other animals, had not been complied with.

The past summer a similar occurrence was prevented by keeping a careful watch, as far as possible, with the limited number of veterinarians at my command, on all quarantined cattle shipped into and through the State, so that no quarantined cattle should be inclosed in yards occupied or used by other animals, and that they were not driven over the public highways.

The Department is somewhat handicapped in enforcing the present law, for under its provisions the Commissioner of Agriculture is not given the right to quarantine animals or yards on suspicion. It is not always an easy matter for a veterinarian to decide off-hand the source of disease, and in the meantime animals and yards should be quarantined on suspicion.

The outbreak of sheep scab in the southern part of the State in 1898 was due to a carload of diseased sheep having been shipped there from Buffalo. There is a United States inspector at that point whose duty it is to inspect all animals shipped into this State to ascertain if they have any infectious or contagious disease.

If the inspector's duties are so arduous that he is unable properly to perform them, the National Government should provide means for this purpose and place a sufficient force at this important point. Farmers have sustained a considerable loss from this disease, which could be traced to animals shipped to them from the point mentioned.

The great dairy industry of the State and the breeders of improved cattle continue to suffer heavily year by year by the prevalence of contagious abortion among animals. To maintain these industries in a condition that will enable us to compete successfully with other States, means should be provided for investigation along this line to the end that this disease may be placed under subjection.

BOB VEAL LAW.

The bob veal law was enacted by the last Legislature at so late a date that the bob veal traffic had almost ceased for the season. However, the inspectors appointed by me visited the different markets where veal was exposed for sale, with the result that several seizures were made and the violators were eventually convicted.

Certain butchers and others interested in the traffic have inaugurated schemes to evade the law. Those who formerly shipped the calves to the larger cities hog-dressed are now sending them alive, while others, I am informed, are killing them, removing the bones and sending the meat direct to canning factories, where it is canned and sold for canned chicken. This could be prevented if all animals killed for food were slaughtered under proper supervision. As it is now, the bob-veal calves are killed in private slaughter houses and taken direct to local markets.

In my opinion, every dollar appropriated by the State in maintaining a State veterinary college is well expended. Veterinarians have a most important work before them, and I predict great progress for them in the future in the way of finding out the cause and prevention of many of the contagious and infectious diseases affecting our domestic animals.

The reports of the Assistant Commissioners, except the First Division, which is made a part of the report proper, and of the veterinarians, are submitted herewith and will be found as a part of the appendix. They give detailed accounts of the work performed by them.

The following cases for violation of the Agricultural Law have been made within this State during the year 1898 and referred to the Attorney-General, viz.:

LIST OF CASES.

List of cases made and referred by this Department to the Attorney-General, from October 1, 1897, to October 1, 1898:

OCTOBER 11, 1897.

MILK.

Case No. 2590.

OCTOBER 14, 1897.

MILK.

Cases Nos. 4425, 4426, 4428, 4433, 5560, 3983, 4278, 4312, 4314, 4511, 4513, 4510, 2225. .

OCTOBER 18, 1897.

MILK.

Cases Nos. 3354, 3355, 3356, 2822, 2824, 2825, 4711, 4712, 4705, 4710, 4713, 4756, 4772, 4703.

OCTOBER 19, 1897.

VINEGAR.

Cases Nos. 639, 793, 795, 794, 1639, 1634, 1266, 2003.

NOVEMBER 11, 1897.

VINEGAR.

Cases Nos. 640, 643.

NOVEMBER 12, 1897.

MILK.

Cases Nos. 5325, 5326, 5327, 5755, 5767, 5770, 4938, 2880, 2681, 2881, 5372, 5761, 5753.

VINEGAR.

Cases Nos. 1873, 1872, 1876.

NOVEMBER 13, 1897.

MILK.

Cases Nos. 5758, 2892, 2889, 5761, 5762, 5763, 5766, 5752, 2891, 5774, 5775.

VINEGAR.

Cases Nos. 1870, 610, 612, 1875, 1856, 609, 611.

OLEOMARGARINE.

Cases Nos. 4937, 4436, 2211.

NOVEMBER 16, 1897.

MILK.

Cases Nos. 2230, 2231, 3989, 3988, 3987.

NOVEMBER 22, 1897.

OLEOMARGARINE.

Cases Nos. 1919, 1986, 1949, 1959, 1961.

NOVEMBER 26, 1897.

OLEOMARGARINE.

Cases Nos. 1941, 1944, 1960, 1958, 1951.

NOVEMBER 27, 1897.

MILK.

Cases Nos. 5802, 3990, 5349, 2694, 5310, 5350, 5319, 5318, 5309, 5312, 5313, 5335, 5345, 5348, 5341, 5317, 5316, 5314, 5346, 5320, 5347.

NOVEMBER 30, 1897.

MILK.

Case No. 4780.

DECEMBER 13, 1897.

OLEOMARGARINE.

Cases Nos. 1882, 1942, 1890, 1962, 1873, 1872, 1964, 1883, 1952, 1884, 1885, 1886, 1957, 1913, 1910.

DECEMBER 23, 1897.

MILK.

Cases Nos. 4956, 4955.

DECEMBER 24, 1897.

MILK.

Cases Nos. 4324, 6001, 6003, 4289, 6004, 5966, 5967, 4286.

DECEMBER 29, 1897.

MILK.

Cases Nos. 3895, 3867, 3897, 5299, 3054, 3886, 6056, 6069, 6089, 6064, 6055, 6074, 6081, 6086, 6092.

JANUARY 3, 1898.

VINEGAR.

Cases Nos. 2207, 2208.

JANUARY 14, 1898.

OLEOMARGARINE.

Cases Nos. 1894, 2359, 2000, 2358, 1871, 1908, 1875, 1940, 1907, 2352, 2355, 1878, 1905, 1879, 1887, 1896, 1901, 1900, 1881, 1897, 1898, 1909, 1904, 2351, 1902, 1947, 2002, 1892, 1945, 1891, 1880.

JANUARY 18, 1898.

MILK.

Cases Nos. 4765, 4761.

JANUARY 20, 1898.

MILK.

Cases Nos. 6181, 6210, 6212.

JANUARY 21, 1898.

MILK.

Cases Nos. 5506, 5507, 5504.

JANUARY 22, 1898.

MILK.

Cases Nos. 6158, 6162, 6180, 6082, 6182, 6183, 6091, 6207, 6234, 6165.

JANUARY 24, 1898.

MILK.

Cases Nos. 3301, 3311, 3261, 3309, 3303, 3263, 3315, 3318, 3291, 3292, 3279, 3290, 3288, 3282, 3289, 5901, 3281, 3285, 3283, 5905, 1070, 5904, 5925, 5926, 5909, 5915.

VINEGAR.

Cases Nos. 424, 426, 447, 448, 425, 2104, 2102, 2108, 2107, 439, 437, 440, 423, 438, 422.

JANUARY 26, 1898.

MILK.

Cases Nos. 6002, 6005, 6006.

FEBRUARY 11, 1898.

STABLE CASES.

People v. John Heubusch.

People v. John Smithbaur.

People v. Vincenta Laskowski.

People v. Theodore Cieslikaski.

People v. H. Retting.

FEBRUARY 24, 1898.

OLEOMARGARINE.

Cases Nos. 2503, 1955, 2530, 2534, 2533, 2501, 2370, 2521, 2526, 2506, 2531.

VINEGAR.

Case No. 1061.

MARCH 10, 1898.

MILK.

Cases Nos. 6164, 6215, 6225, 6235, 6246, 6239, 4739, 6226, 4749, 6553, 6557.

MARCH 15, 1898.

MILK.

Case No. 5628.

MARCH 25, 1898.

MILK.

Cases Nos. 5629, 5630, 5631.

MARCH 26, 1898.

MILK.

Case No. 4777.

MARCH 30, 1898.

MILK.

Case No. 5642.

APRIL 4, 1898.

OLEOMARGARINE.

Cases Nos. 1911, 2367, 2385, 2393, 2394, 2508, 2513, 2537-
2373, 2379, 2401, 2406, 2408, 2538, 2539.

APRIL 29, 1898.

MILK.

Cases Nos. 6551, 4737, 6580, 4745, 6566, 6558, 6570, 6572,
6567, 6564, 6569, 6582, 6577, 6585.

MAY 6, 1898.

MILK.

Cases Nos. 5650, 5651.

MAY 25, 1898.

VINEGAR.

Case No. 1508.

JUNE 6, 1898.

OLEOMARGARINE.

Cases Nos. 2409, 2414, 2536, 2541.

VINEGAR.

Cases Nos. 1093, 1094, 1083, 1096, 1097, 1080, 1091.

JUNE 21, 1898.

MILK.

Cases Nos. 6646, 6803, 6808, 6807, 6813, 6626, 6817, 6602, 6819, 6818, 6829, 6824, 6833, 6812.

JUNE 27, 1898.

OLEOMARGARINE.

Cases Nos. 2416, 2535, 2523.

VINEGAR.

Cases Nos. 1358, 1363, 1357, 932, 1005, 1365.

JUNE 28, 1898.

MILK.

Cases Nos. 6827, 6820.

JULY 6, 1898.

MILK.

Cases Nos. 4721, 4732, 4727, 4792.

JULY 7, 1898.

BOB VEAL.

People v. Geo. Lansing.

MILK.

Cases Nos. 5523, 5525, 5503, 5524, 7004.

VINEGAR.

Cases Nos. 2304, 2306, 2305, 970, 972, 975, 986, 991, 962, 983, 958, 955, 974, 992, 968, 990, 994, 954, 985, 951, 993, 973, 967, 952, 989.

JULY 12, 1899.

MILK.

Cases Nos. 5647, 5654, 5653.

JULY 13, 1898.

MILK.

Case No. 2587.

JULY 14, 1898.

MILK.

Cases Nos. 5658, 5667.

AUGUST 1, 1898.

MILK.Cases Nos. 6834, 6842, 6654, 6847, 6664, 6695, 6677, 6837,
6849, 6698, 6700, 6706, 7002, 5457.

AUGUST 2, 1898.

MILK.

Cases Nos. 3996, 4960.

AUGUST 3, 1898.

OLEOMARGARINE.

Case No. 2417.

VINEGAR.

Cases Nos. 917, 916.

MILK.Cases Nos. 752, 4570, 4583, 4610, 4618, 4577, 4648, 4608,
4578, 4580, 4582.

AUGUST 5, 1898.

MILK.

Cases Nos. 7056, 7058.

AUGUST 9, 1898.

MILK.Cases Nos. 2885, 2886, 4939, 4940, 4941, 4942, 4949, 4943,
4944, 4945, 4946, 4947, 4948, 5779, 5780, 5777, 5778, 5783,
5021, 4571, 5023, 5024, 5786, 5788, 5787, 5789, 5790, 2928,
2929, 5001, 5002, 2930.VINEGAR.Cases Nos. 2093, 2094, 2095, 2092, 2060, 2061, 2062, 2055,
2056, 2057, 2059, 613, 1848, 1849, 1850, 1857, 2099, 2100.OLEOMARGARINE.

Cases Nos. 2207, 2208, 2212, 2543.

AUGUST 16, 1898 — MILK.

Case No. 2584.

AUGUST 17, 1898 — MILK.

Case No. 7451.

AUGUST 22, 1898 — MILK.

Cases Nos. 6672, 6702, 6701, 6767, 3770.

AUGUST 29, 1898 — MILK.

Cases Nos. 7405, 5811, 5818, 5817, 5810, 5808, 5807, 5809.

AUGUST 31, 1898 — MILK.

Cases Nos. 5695, 5697, 5698, 5678, 5682, 5683, 5684, 5687, 5689, 5691, 5694.

SEPTEMBER 1, 1898 — MILK.

Cases Nos. 4589, 4588, 4587, 4581, 4572, 4590, 4591, 4592, 4594, 4596, 4599, 4600, 4609, 4630, 4693.

OLEOMARGARINE.

Cases Nos. 2544, 2525, 2457, 1950.

SEPTEMBER 3, 1898 — MILK.

Case No. 7452.

SEPTEMBER 9, 1898 — MILK.

Case No. 5824.

SEPTEMBER 13, 1898 — MILK.

Case No. 7096.

SEPTEMBER 14, 1898 — MILK.

Case No. 5823.

SEPTEMBER 15, 1898 — MILK.

Cases Nos. 7239, 7212, 7092, 7232, 7095, 7094, 7086, 7077, 7069, 7087, 7071, 7230, 7231, 7218, 7233, 7234, 7090, 7214, 7244, 7099, 7208, 7209, 7078, 7215, 7203, 7237, 7079, 7409.

SEPTEMBER 16, 1898 — MILK.

Case No. 2582.

SEPTEMBER 20, 1898 — MILK.

Case No. 7407.

SEPTEMBER 24, 1898 — MILK.

Cases Nos. 7167, 7162, 6726, 6696.

SEPTEMBER 28, 1898 — MILK.

Cases Nos. 4633, 4635, 7607, 4593, 4643, 4640, 4650, 4644, 4634, 4586, 4584, 7605, 7606, 4641, 4579.

SEPTEMBER 30, 1898 — MILK.

Cases Nos. 6734, 6740, 5829, 2581, 4288, 5974, 5955.

APPROPRIATIONS.

In conformity with the provisions of section 5 of the Agricultural Law, I hereby recommend the following appropriations as necessary for the work of the Department of Agriculture, and for the purpose of agriculture generally in the State for the ensuing year:

For the general work of the Department of Agriculture,	\$100,000
For the New York State Agricultural Society, for premiums.	20,000
For Farmers' Institutes	\$20,000
For the distribution of money among Agricultural Societies and the American Institute of the City of New York.	56,000
For the general work of the experiment station at Geneva	50,000
For the enforcement of the provisions of chapter 437 of the Laws of 1890 (fertilizers)	10,000
For maintaining veterinary college at Cornell University	20,000
For the State Weather Bureau	5,000
For the promotion of beet sugar	30,000

In closing this report permit me to say that the appointees and employes of this Department have been faithful and efficient, and have ever worked for the advancement and betterment of all the varied interests connected with it.

Very respectfully,

C. A. WIETING,

Commissioner of Agriculture.

APPENDIX.

- Report of F. J. H. Kracke, Assistant Commissioner.
Report of Henry S. Ambler, Assistant Commissioner.
Report of T. James Owens, Assistant Commissioner.
Report of S. Brown Richardson, Assistant Commissioner.
Report of Charles T. Russell, Assistant Commissioner.
Report of Verlett C. Beebe, Assistant Commissioner.
Report of William T. Hughes, Assistant Commissioner.
Report of Asa L. Twitchell, Assistant Commissioner.
Report of James P. Clark, Assistant Commissioner.
Reports of Veterinarians.
Financial Report of Agricultural Societies for 1897.
List of Dairy and Food Commissioners.
Agricultural Law.
Report of State Weather Bureau. (Volume 2.)
Report of Cornell University Agricultural Experiment Station.
(Volume 2.)
Report of New York Agricultural Experiment Station. (Volume 3.)

Report of F. J. H. Kracke.

Hon. CHARLES A. WIETING, *Commissioner of Agriculture*:

Dear Sir.— I take great pleasure in submitting this annual report of the work performed in the Second Division, the number of cases detected and prosecuted being about the same as last year, although this year we made progress by detecting and successfully prosecuting a number of violators of more than usual importance.

OLEOMARGARINE.

The illegal sale of oleomargarine engaged our full time during the fall and winter months. The agents employed in this division of the Department have to work with utmost shrewdness and discretion to detect the sale of the goods, as the agents for the oleomargarine concerns are going about Greater New York tempting dealers with most alluring and rosy statements of the value and financial benefits that accrue from the sale of their goods, and giving assistance in the manner of secreting same in the most out-of-way places in the stores or cellars of the purchaser.

Among the many interesting cases which came up during the year's work, I wish to mention the following two:

On or about the first of March, 1898, certain information came to this office which led us to believe that bogus butter was either made in the vicinity of Brooklyn, or that there was some sort of an agency for the distribution of the goods. The full force of inspectors in this district was put to work on the case and one sale after another was traced to Simon Baer, who represented himself as a manufacturer of extracts and flavors, but also a dealer in grades of butter suitable for bakers' use. Baer's trade was almost wholly among bakers and confectioners, and he sold colored oleomargarine to his customers as butter, the price varying from 11½ cents to 14 cents a pound. Samples of the goods were obtained and analyzed,

and with the assistance of the buyers, who were glad to give evidence against the men who had deceived them, Baer's place of business was located in the lower part of South Brooklyn in a house which to all appearances was a dwelling.

Inspectors Sears, Esmay, Clark and Patrick secured quarters in a small hotel immediately opposite Baer's house, and watched night and day for sufficient evidence upon which to build their case. Everything about the premises during the day indicated a quiet residence. Lace curtains hung at the windows and members of a family were frequently seen in the upper part of the house. At night the scenes were different. There was an air of business activity about the place. A wagon left the house early one morning with 25 tubs of what was supposed to be butter. The stock was brought across the river and delivered to a bakers' supply house at No. 317 Greenwich street. An inspector followed closely, and after securing such evidence as he wanted hastened back to the Brooklyn house, where, in company with myself, the raid was made on the factory.

The factory was in operation and the process of mixing goods was going on when the raid was made. Colestine Dicknoether, nominally the head of the concern, but who subsequently proved that he originally came from Canada to work for Simon Baer, alone held the secrets of how to mix the various chemicals in order to produce a flavor that would very closely resemble butter, being in charge of the plant at the time, was immediately arrested.

In the factory at the time it was seized were barrels of oleo oil, neutral and cottonseed oil, and an abundant supply of chemicals. The plant was too small to turn out much oleomargarine, probably not more than ten tubs of 60 pounds each day. It had been running only three months, but the product was exceedingly good, and it was packed in the best possible shape to deceive buyers. The chances are that the increasing demand for the goods would have led to either an enlargement of the plant or the starting of similar factories elsewhere.

Baer was arrested the following morning while collecting money from some of his New York customers, and a few days thereafter

was examined before Magistrate Wentworth, who committed him to jail in default of \$1,000 bail.

The case came up for trial in Special Sessions Court, which was presided over by three justices. Conviction was secured and the prisoner sentenced to pay a fine of \$200 and to be incarcerated in the city prison for three months.

In passing sentence the justice spoke of the numerous cases of small dealers, grocers, bakers and restaurant keepers who had been convicted for selling or having in their possession the bogus butter, but he was more than pleased because the State officers had gone higher and brought a manufacturer to the bar of justice.

This is the first time in the history of the oleomargarine business that an illicit factory had been discovered in this State or any other State of the United States.

As the Federal government requires a yearly tax of \$600 from every manufacturer of oleomargarine, and, this concern not having this, they likewise violated the Federal Law.

Another exceedingly interesting oleomargarine case has just been prosecuted. It has attracted more than usual attention from the fact that the man who acted as an agent for some unknown manufacturers was very shrewd in effecting sales, and when caught he fought the case with all the energy and skill that was possible.

Some weeks previous I dined at Lewis Hemberger's restaurant, 198 Grand street, Williamsburg. I became suspicious of the butter on the table, and after the meal was over I called one of the inspectors of the Department, who was in the neighborhood, and ordered a sample taken, which proved to be oleomargarine. The proprietor said that he had been using the article for three months, and that he ordered it from a man who gave his name as S. S. Brown, and whose only address was "Post Office, N. Y."

The restaurant keeper did all in his power to help us, and a trap was laid that resulted in the arrest of Brown about 7 p. m., as he came to see his customer. After a night in jail he secured bail, which liberated him for two weeks, when the case was tried in the Lee Avenue Court, before Justice Kramer. Every possible advantage that the law gives to an unconvicted man was seized by a

shrewd lawyer, and the plea was made that Brown had no place of business; that he only acted for a friend, and that the goods were delivered by express, direct from the factory, which was out of the case. The testimony presented by us was so strong that a criminal conviction was secured with a fine of \$25 or thirty days.

In passing sentence the justice said to Brown that he would let him off with the minimum fine, but that a repetition of the offense would be followed by six months' imprisonment, the law making such sentence compulsory on the second conviction.

Cheese.

This industry during the past year has been characterized by a decrease in the make, and prices so remarkably low, that many factories closed up entirely. Some that formerly made butter and cheese relinquished the manufacture of the latter commodity entirely, finding it more profitable to make butter.

The supply of milk to many factories has been diverted to milk stations, farmers finding it more advantageous in a financial way to sell their milk than to have it manufactured.

The extreme warm weather which existed during the three months of June, July and August made it almost impossible to manufacture good cheese.

The exports from New York to Europe, from May 1 to November 30, 1897, amounted to 562,070 boxes, against 291,652 boxes for the same time in 1898. This is a heavy shrinkage and can only be accounted for by the decrease in production.

Butter.

The business of the year ending October 31st has not been fully up to the standard of other years (with possibly the exception of a slight increase in the make), brought about by farmers selling their milk to the milk stations, and various firms engaged in the manufacture of condensed milk. This latter industry is increasing yearly. The butter made in the Chautauqua and St. Lawrence sections has been of most excellent quality, and equal to the western production in every way. A new feature developed in some sections of the State, i. e., the adoption of the Australian box pack-

age, which was introduced to a considerable extent. These boxes were shipped mainly to Canada, thence to foreign markets.

Milk.

The milk received in this city during the past year has been of a very good quality, and we found, after a most comprehensive and complete inspection, that the adulterations were less than formerly.

Inspection of Milk at Ferries, Railroad Stations and Steamboat Landings.

During the months of July, August and September, a thorough inspection of milk arriving over the different railroads and steamboats for consumption in New York and Brooklyn was made after the milk had been delivered by the common carriers to the grocers and peddler. The plan adopted was, as usual, to obtain from the police department a detail of two or more officers for duty at each depot when inspections were made. With their assistance the wagons were formed in line as they came off the ferries or from the railroad depots into the streets. We then inspected the milk found on each wagon before allowing it to leave the line.

The milk inspected, when delivered by each railroad and steamboat line, represents one day's shipment over each line for consumption in New York and Brooklyn, to which must be added 1,600 cans estimated as the average per day by miscellaneous conveyances during those months. The result of these inspections showed, by the test applied, that only a small percentage had been adulterated and that coming from Connecticut and New Jersey.

Oleomargarine (Statement of Manufacturers, etc.)

The report of the Commissioner of Internal Revenue for the fiscal year ending June 30, 1898, contains the following statistics bearing upon the oleomargarine industry. Since the act of August 2, 1886, defining butter and imposing a tax upon and regulating the manufacture, sale, importation and exportation of oleomargarine, the average monthly production of this substitute for butter has been as follows:

During the 8 months ending June 30, 1887, 2,711,828 pounds;

during the fiscal year ending June 30, 1888, 2,860,460 pounds; 1889, 2,972,002 pounds; 1890, 2,693,669 pounds; 1891, 3,699,367 pounds; 1892, 4,030,346 pounds; 1893, 5,602,024 pounds; 1894, 5,801,853 pounds; 1895, 4,746,508 pounds; 1896, 4,237,769 pounds; 1897, 3,794,267 pounds; 1898, 4,793,011 pounds.

There was an increase in the number of persons engaged in the sale of oleomargarine during the fiscal year ending June 30, 1898, as well as an increase in the production of the article as compared with the previous fiscal year. The quantity produced during the last fiscal year was 55,388,727 pounds.

The following table of production and total receipts from all oleomargarine sources for each fiscal year since November 1, 1886, the date the oleomargarine law took effect, is interesting as showing the extent of operations in the country:

On hand November 1, 1886, 181,000 pounds.

During the fiscal year ending (from Nov. 1, 1886) June 30, 1887.	Pounds produced.	Amount received.
1887.....	21,513,537	\$723,948 04
1888.....	34,325,527	864,139 88
1889.....	35,664,026	894,247 91
1890.....	32,324,032	786,291 72
1891.....	44,392,409	1,077,924 14
1892.....	48,364,155	1,266,326 00
1893.....	67,224,298	1,670,643 50
1894.....	69,632,246	1,723,479 90
1895.....	56,958,105	1,409,211 18
1896.....	50,853,234	1,219,432 46
1897.....	45,531,207	1,034,129 60
1898.....	55,388,727	1,315,708 54
Total.	564,470,002	\$13,985,482 87

The total government receipts for the year in collections from the regular oleomargarine tax of two cents per pound and from special taxes imposed upon manufacturers, retail dealers and wholesale dealers were \$1,315,180.54. The principal States contributing to this sum and the respective amount of the taxes each paid were

Connecticut, \$121,916.24; Illinois, \$124,580.62; Kansas, \$271,564.28; Maryland, \$14,676.80; Missouri, \$26,415.36; New Jersey, \$21,584.10; Ohio, \$201,471.82; Pennsylvania, \$15,417.70.

In the fiscal years 1887 and 1888, the largest production month was March; in the fiscal year 1889, December; in the fiscal year 1890, October; in the fiscal year 1891, March; in the fiscal year 1892, March; in the fiscal year 1893, January; in the fiscal year 1894, October; in the fiscal year 1895, October; in the fiscal year 1896, October; in the fiscal year 1897, March; while the greatest production during the fiscal year ended June 30, 1898, occurred in November. The quantity produced during these months was as follows:

	Pounds.
In March, 1887	3,568,254
In March, 1888	3,940,727
In December, 1888	4,181,317
In October, 1889	4,072,338
In March, 1891	6,723,224
In March, 1892	5,916,871
In January, 1893	7,824,657
In October, 1893	9,318,006
In October, 1894	7,046,429
In October, 1895	5,922,649
In March, 1897	4,826,677
In November, 1897	6,367,024

Oleomargarine (Exports).

The exports of oleomargarine from the port of New York January 1 to November 1, 1892, was 1,955,829 pounds, and during the same period of 1893, 2,943,220 pounds, showing an increase in 1893 over 1892, for the period named, 897,397 pounds.

Exports of oleomargarine for the year ending November 1, 1894, was 4,619,772 pounds, an increase, as compared with 1893, of 1,670,546 pounds.

Exports of oleomargarine for the year ending November 1, 1895, was 8,800,126 pounds, an increase, as compared with 1894, of 4,180,348 pounds.

Exports of oleomargarine for the year ending November 1, 1896, was 3,249,408 pounds, a decrease, as compared with 1895, of 5,550,718 pounds.

Exports of oleomargarine for the year ending November 1, 1897, was 3,039,222 pounds, a decrease, as compared with the year 1896, of 210,186 pounds.

Exports of oleomargarine for the year ending November 1, 1898, was 2,315,503 pounds, a decrease, as compared with 1897, of 723,719 pounds.

The total export of oleomargarine from all ports of the United States was 5,510,708 pounds.

Dairy Products Handled, 1898.

The following table will show the total of products handled during the year:

In value of eastern butter handled in 1898....	\$2,930,162	90
Compared with 1897	2,642,580	80
In value of eastern cheese handled	5,345,016	00
Compared with 1897	6,659,830	00
In value of milk, cream and condensed milk, same period	17,458,759	46
Compared with 1897	15,872,841	42
In value of eastern dairy products handled in 1898	25,733,938	36
Total value of eastern dairy products handled in New York city during the year 1897.....	25,175,252	22
<hr/>		
Butter (increase)	\$287,582	10
Cheese (decrease)	\$1,314,826	00
Crude milk, cream and con- densed milk (increase)	1,585,918	04
<hr/>		
Total	\$1,314,826	00
Total increase	\$1,873,500	14
	\$558,674	14

Value of Dairy Products Handled, 1890-1898.

The following statistics giving the value of eastern dairy products handled in New York city for the past nine years, show an increase in value annually from 1890 to 1893, and a decrease in 1894, 1895, 1896 and 1897:

Total value of products handled 1890-1898:

Eastern, 1890	\$27,351,657	22
Eastern, 1891	29,189,943	10
Eastern, 1892	32,148,404	02
Eastern, 1893	33,392,740	45
Eastern, 1894	29,676,395	39
Eastern, 1895	26,318,395	39
Eastern, 1896	24,377,020	00
Eastern, 1897	25,175,252	22
Eastern, 1898	25,733,938	36
Western, 1890	13,075,657	20
Western, 1891	15,087,277	50
Western, 1892	14,206,083	00
Western, 1893	14,080,562	50
Western, 1894	14,986,521	00
Western, 1895	16,975,456	50
Western, 1896	16,990,668	70
Western, 1897	16,699,737	50
Western, 1898	15,738,138	00

Exports of Butter and Cheese.

The following statistics taken from the records of the New York Mercantile Exchange, show the exports of butter and cheese each year since November 1, 1883:

Butter	Pounds
From the port of New York, 1883	18,811,400
From the port of New York, 1884	15,865,600
From the port of New York, 1885	14,601,550
From the port of New York, 1886	11,677,750
From the port of New York, 1887	9,933,400

Butter	Pounds
From the port of New York, 1888	7,000,650
From the port of New York, 1889	19,941,176
From the port of New York, 1890	20,623,534
From the port of New York, 1891	11,115,505
From the port of New York, 1892	9,083,478
From the port of New York, 1893	5,336,449
From the port of New York, 1894	8,288,670
From the port of New York, 1895	11,133,747
From the port of New York, 1896	18,540,091
From the port of New York, 1897	25,757,263
From the port of New York, 1898	8,646,282
From all ports in the United States, 1883	22,375,708
From all ports in the United States, 1884	21,391,196
From all ports in the United States, 1885	19,593,872
From all ports in the United States, 1886	14,404,727
From all ports in the United States, 1887	12,531,171
From all ports in the United States, 1888	8,749,366
From all ports in the United States, 1889	25,983,054
From all ports in the United States, 1890	23,895,914
From all ports in the United States, 1891	14,970,538
From all ports in the United States, 1892	11,351,250
From all ports in the United States, 1893	6,837,289
From all ports in the United States, 1894	10,231,417
From all ports in the United States, 1895	13,935,017
From all ports in the United States, 1896	23,335,729
From all ports in the United States, 1897	35,631,967
From all ports in the United States, 1898	13,160,296

Cheese	Pounds
From the port of New York, 1883	97,897,850
From the port of New York, 1884	96,634,250
From the port of New York, 1885	82,934,750
From the port of New York, 1886	78,763,400
From the port of New York, 1887	72,529,500
From the port of New York, 1888	75,840,700

Cheese	Pounds
From the port of New York, 1889	75,046,326
From the port of New York, 1890	70,208,270
From the port of New York, 1891	61,299,205
From the port of New York, 1892	67,432,651
From the port of New York, 1893	53,293,060
From the port of New York, 1894	52,903,719
From the port of New York, 1895	30,692,702
From the port of New York, 1896	25,947,401
From the port of New York, 1897	42,514,776
From the port of New York, 1898	24,180,428
From all ports in the United States, 1883	111,973,140
From all ports in the United States, 1884	111,950,686
From all ports in the United States, 1885	95,047,243
From all ports in the United States, 1886	86,636,685
From all ports in the United States, 1887	87,069,804
From all ports in the United States, 1888	81,595,304
From all ports in the United States, 1889	98,140,486
From all ports in the United States, 1890	91,014,571
From all ports in the United States, 1891	77,148,794
From all ports in the United States, 1892	81,589,361
From all ports in the United States, 1893	67,925,712
From all ports in the United States, 1894	68,607,186
From all ports in the United States, 1895	40,610,242
From all ports in the United States, 1896	37,515,798
From all ports in the United States, 1897	61,176,207
From all ports in the United States, 1898	39,396,810

The total receipts of cheese in the city of New York during the year ending October 31, 1894, were 87,533,905 pounds; less exports from port of New York, same period, 50,375,760 pounds, leaving for home trade, 37,158,145 pounds.

The total receipts of cheese in the city of New York during the year ending October 31, 1895, were 76,233,120 pounds; less ex-

port from New York, same period, 29,008,368 pounds, leaving for home trade, 47,224,752 pounds.

The total receipts of cheese in the city of New York during the year ending October 31, 1896, were 64,721,640 pounds, of which 27,631,735 pounds were exported, leaving for home trade, 37,089,905 pounds, being 1,134,847 pounds less for our home trade than the previous year.

The total receipts of cheese in the city of New York during the year ending October 31, 1897, were 88,468,380 pounds, of which 42,514,776 pounds were exported, leaving for home trade, 45,953,604 pounds, being 8,865,699 pounds more than the previous year for home consumption.

The total receipts of cheese in the city of New York during the year ending October, 31, 1898, were 70,885,020 pounds, of which 24,180,428 pounds were exported, leaving for home trade, 46,704,592 pounds, being 750,988 pounds more than the previous year for home consumption.

Receipts and Value of Butter Handled in New York City for Seventeen Years, Ending October 31, 1898.

FOR THE YEAR ENDING OCTOBER 31, 1882.

Eastern, 44,215,990 pounds, valued at 29½ cents	
per pound	\$13,043,717 05
Western, 35,648,850 pounds, valued at 28 cents	
per pound	9,981,678 00
Total 79,864,840 pounds, valued	<u><u>\$23,025,295 05</u></u>

FOR THE YEAR ENDING OCTOBER 31, 1883.

Eastern, 4,804,060 pounds, valued at 26 cents per	
pound	\$11,649,055 60
Western, 45,743,850 pounds, valued at 26 cents	
per pound	10,978,524 00
Total 90,547,910 pounds, valued	<u><u>\$22,627,579 60</u></u>

FOR THE YEAR ENDING OCTOBER 31, 1884.

Eastern, 38,263,820 pounds, valued at 24½ cents	
per pound	\$9,374,635 90
Western, 49,853,350 pounds, valued at 24½ cents	
per pound	10,967,737 00
Total, 80,117,170 pounds, valued.....	<u>\$20,342,372 90</u>

FOR THE YEAR ENDING OCTOBER 31, 1885.

Eastern, 39,480,350 pounds, valued at 22 cents	
per pound	\$8,685,677 90
Western, 54,086,500 pounds, valued at 22 cents	
per pound	10,817,300 00
Total, 93,566,850 pounds, valued.....	<u>\$19,502,977 00</u>

FOR THE YEAR ENDING OCTOBER 31, 1886.

Eastern, 38,985,520 pounds, valued at 23½ cents	
per pound	\$9,161,597 20
Western, 54,716,000 pounds, valued at 21½ cents	
per pound	11,763,940 00
Total, 93,701,520 pounds, valued.....	<u>\$20,925,537 20</u>

Butter, Milk and Cream.

FOR THE YEAR ENDING OCTOBER 31, 1887.

BUTTER.

Eastern, 37,062,130 pounds, valued at 24 cents	
per pound	\$8,894,911 20
Western, 56,650,350 pounds, valued at 22 cents	
per pound	12,463,077 00
Total, 93,712,480 pounds, valued.....	<u>\$21,357,988 20</u>

MILK AND CREAM.

Value of milk and cream.....	\$9,499,900 00
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Total value of all	\$30,857,888 20
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FOR THE YEAR ENDING OCTOBER 31, 1888 (DAIRY
PRODUCTS).

BUTTER.

Eastern, 31,784,410 pounds, valued at 22½ cents per pound	\$7,787,180 45
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Western, 63,457,950 pounds, valued at 22½ cents per pound	14,278,038 85
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Total, 95,242,360 pounds, valued.....	\$22,065,219 20
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CHEESE.

Eastern, 98,877,955 pounds, valued at 10½ cents per pound	\$10,362,185 27
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Western, 3,636,260 pounds, valued at 8½ cents per pound	309,167 10
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In transit, for export, 7,636,850 pounds, valued at 10 cents per pound	763,685 00
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Total, 110,152,065 pounds, valued.....	\$11,455,037 37
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MILK.

Total, 60,622,160 gallons, valued at.....	\$9,652,500 00
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Total value of all	\$43,047,771 02
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FOR THE YEAR ENDING OCTOBER 31, 1889 (DAIRY
PRODUCTS).

BUTTER.

Eastern, 30,626,610 pounds, valued at 23 cents per pound	\$7,024,120 30
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Western, 77,820,650 pounds, valued at 21 cents per pound	16,342,336 50
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Total, 108,447,860 pounds, valued.....	\$23,366,456 80
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CHEESE.

Eastern, 101,712,655 pounds, valued at 10 cents	
per pound	\$10,171,265 50
Western, 3,660,120 pounds, valued at 9 cents per	
pound	329,410 80
	<hr/>
Total, 105,373,775 pounds, valued.....	\$10,500,676 30

MILK.

Total gallons milk, condensed milk and cream,	
66,302,780, valued at	\$11,675,500 00
	<hr/>
Total value of all.....	\$45,562,633 10
	<hr/> <hr/>

FOR THE YEAR ENDING OCTOBER 31, 1890 (DAIRY
PRODUCTS).

BUTTER.

Eastern, 26,560,660 pounds, valued at 20 cents	
per pound	\$5,312,132 00
Western, 71,094,500 pounds, valued at 18 cents	
per pound	12,797,010 00
	<hr/>
Total, 97,655,160 pounds, valued.....	\$18,109,142 00
	<hr/>

CHEESE.

Eastern, 102,118,115 pounds, valued at 9 $\frac{3}{4}$ cents	
per pound	\$9,956,516 22
Western, 3,483,090 pounds, valued at 8 cents per	
pound.....	278,647 20
	<hr/>
Total, 105,601,205 pounds, valued.....	\$10,233,175 42
	<hr/>

MILK.

Total gallons milk, condensed milk and cream	
81,419,830, valued at	\$12,085,000 00
Total value of all.....	<u>\$40,427,314 42</u>

FOR THE YEAR ENDING OCTOBER 31, 1891 (DAIRY
PRODUCTS).

BUTTER.

Eastern, 395,301 packages of 70 pounds (average) 27,671,070 pounds, valued at 21 cents per pound	\$6,364,346 10
Western, 1,408,324 packages of 50 pounds (average) 70,416,200 pounds, valued at 21 cents per pound	14,787,402 00
Total, 98,087,870 pounds, valued.....	<u>\$21,151,748 10</u>

CHEESE.

Eastern, 86,958,200 pounds, valued at 10 cents per pound.	\$8,695,820 00
Western, 3,331,950 pounds, valued at 9 cents per pound	29,875 50
Total, 90,290,150 pounds, valued.....	<u>\$8,95,806 50</u>

MILK.

Total gallons milk, condensed milk and cream,	
82,699,530, valued at	\$14,128,677 00
Total value of dairy products handled.....	<u>\$44,277,220 60</u>

FOR THE YEAR ENDING OCTOBER 31, 1892 (DAIRY
PRODUCTS).

BUTTER.

Eastern, 414,765 packages of 70 pounds (average) 29,032,930 pounds, valued at	\$6,967,900 00
Western, 1,248,412 packages of 50 pounds (average) 62,420,600 pounds, valued at.....	13,732,532 80
Total, 91,453,520 pounds, valued.....	<u>\$20,700,432 80</u>

CHEESE.

Eastern, 91,033,950 pounds, valued at 11 cents per pound	\$10,013,734 50
Western, 4,736,510 pounds, valued at 10 cents per pound	473,651 00
Total, 93,770,310 pounds, valued	<u>\$10,487,385 50</u>

MILK.

Total gallons milk, cream and condensed milk, 90,847,810, valued at	\$15,116,668 72
Total value dairy products handled.....	<u><u>\$46,354,467 02</u></u>

FOR THE YEAR ENDING OCTOBER 31, 1893 (DAIRY
PRODUCTS).

BUTTER.

Eastern, 430,387 packages of 70 pounds (average) 30,126,460 pounds	\$7,531,615 00
Western, 1,184,708 packages of 50 pounds (average) 59,235,400 pounds, valued at 23 cents per pound	13,624,042 00
Total, 89,361,860 pounds, valued.....	<u>\$21,155,657 00</u>

CHEESE.

Eastern, 87,380,645 pounds, valued at 11 cents	
per pound	\$9,611,870 95
Western, 4,565,205 pounds, valued at 10 cents	
per pound	456,520 50
Total, 91,945,850 pounds, valued.....	<u>\$10,068,391 45</u>

MILK.

Total gallons milk, cream and condensed milk,	
93,033,154, valued at	\$16,249,354 50
Total value of dairy products handled.....	<u><u>\$47,475,302 95</u></u>

**FOR THE YEAR ENDING OCTOBER 31, 1894 (DAIRY
PRODUCTS).**

BUTTER.

Eastern, 341,705 packages of 70 pounds (aver-	
age) 23,719,350 pounds, valued at 23 cents	
per pound	\$5,501,450 50
Western, 1,372,563 packages of 50 pounds (aver-	
age) 88,628,150 pounds, valued at 21 cents	
per pound	14,411,911 50
Total, 92,548,500 pounds, valued.....	<u>\$19,913,362 00</u>

CHEESE.

Eastern, 80,671,755 pounds, valued at 10 cents	
per pound	\$8,067,175 50
Western, 6,384,550 pounds, valued at 9 cents	
per pound	574,609 50
Total, 87,533,905 pounds, valued.....	<u>\$8,641,785 00</u>

MILK.

Total gallons milk, cream and condensed milk,	
94,850,180, valued at	\$16,107,648 80
	<hr/>
Total value of dairy products handled.....	\$44,662,795 00
	<hr/> <hr/>

FOR THE YEAR ENDING OCTOBER 31, 1895.

BUTTER.

Eastern, 265,742 packages of 70 pounds (average) 18,601,940 pounds, valued at 20 cents per pound	\$3,720,388 00
Western, 1,522,881 packages of 50 pounds (average) 76,144,050 pounds, valued at 19 cents per pound	14,467,869 50
	<hr/>
Total, 94,745,990 pounds, valued.....	\$18,187,757 50
	<hr/>

CHEESE.

Eastern, 61,255,620 pounds, valued at 9½ cents per pound	\$5,819,183 90
Western, 5,977,500 pounds, valued at 8½ cents per pound	508,087 50
	<hr/>
Total, 67,233,120 pounds, valued.....	\$6,327,271 40
	<hr/>

MILK.

Total quarts of milk, cream and condensed milk,	
373,473,080, valued at	\$16,778,823 49
	<hr/>
Total value of dairy products handled.....	\$41,293,852 39
	<hr/> <hr/>

FOR THE YEAR ENDING OCTOBER 31, 1896.

BUTTER.

Eastern, 236,309 packages of 70 pounds (average) 16,541,630 pounds, valued at 18 cents per pound	\$2,977,493 40
Western, 1,943,017 packages of 50 pounds (average) 96,150,850 pounds, valued at 18 cents per pound	16,345,644 50
Total, 113,692,480 pounds, valued.....	<u>\$19,323,137 90</u>

CHEESE.

Eastern, 59,133,120 pounds, valued at 9½ cents per pound	\$5,617,645 40
Western, 5,588,520 pounds, valued at 8½ cents per pound	475,024 20
Total, 64,721,640 pounds, valued.....	<u>\$6,092,669 60</u>

MILK.

Total gallons milk, condensed milk and cream, 100,794,170, valued at	\$15,781,881 20
Total value of dairy products handled.....	<u><u>\$41,367,688 70</u></u>

FOR THE YEAR ENDING OCTOBER 31, 1897.

BUTTER.

Eastern, 209,808 packages of 70 pounds (average) 14,686,560 pounds, valued at 18 cents per pound	\$2,642,580 80
Western, 1,964,675 packages of 50 pounds (average) 98,233,750 pounds, valued at 17 cents per pound	16,699,737 50
Total, 112,920,310 pounds, valued.....	<u>\$19,342,318 30</u>

CHEESE.

Eastern, 66,598,300 pounds, valued at 10 cents per pound	\$6,659,830 00
Western, 5,699,080 pounds, valued at 9 cents per pound	512,917 20
Total, 72,297,380 pounds, valued.....	<u>\$7,172,747 20</u>

MILK.

Total gallons milk, condensed milk and cream, 103,883,560, valued at	\$15,872,841 42
Total value of dairy products handled.....	<u><u>\$42,387,906 92</u></u>

FOR THE YEAR ENDING OCTOBER 31, 1898.

BUTTER.

Eastern, 220,313 packages, of 70 pounds (aver- age), 15,421,910 pounds, valued at 17 cents per pound	\$2,930,162 90
Western, 1,748,682 packages, of 50 pounds (aver- age), 87,434,100 pounds, valued at 18 cents per pound	15,738,138 00
Total, 102,856,010 pounds, valued.....	<u>\$18,668,300 90</u>

CHEESE.

Eastern, 66,812,700 pounds, valued at 8 cents per pound	\$5,345,016 00
Western, 4,072,320 pounds, valued at 7 cents per pound	285,062 40
Total, 70,885,020 pounds, valued.....	<u>\$5,630,078 40</u>

MILK.

	Cans.
Cans of crude milk, of forty quarts each.....	8,738,625
Cans of cream, of forty quarts each.....	265,761
Cans of unsweetened condensed milk, of forty quarts each	78,669
There is also produced within the state of New York, and sold during the year to condensers, most of which reaches the New York market in condensed form, in small cans, a large amount of crude milk, estimated to be not less than	
	2,000,000
Cans of forty quarts each.	
Value of crude milk handled.....	\$12,321,451 25
Value of cream handled.....	1,873,615 05
Value of unsweetened condensed milk handled..	443,693 06
Value of crude milk sold to condensers.....	2,820,000 00
Total value	\$17,458,759 36
Total value of butter handled.....	\$18,668,300 90
Total value of cheese handled.....	5,630,078 40
Total value of milk, butter and cheese handled during 1898	41,757,138 76
Total value of dairy products handled during the year of 1897	\$42,387,906 92
Total decrease of value dairy products handled, compared with 1897.....	\$650,768 16

The statistics of dairy products handled in New York city in 1897 show by comparison with 1898, that there has been an increase in quantity of eastern butter received in this city of 733,350 pounds, and an increase of 8,800,470 gallons of milk, cream and condensed milk; also that there was a decrease in the receipts of cheese during the same period, amounting to 1,412,360 pounds.

	RECEIPTS.			
	BUTTER, PACKAGES.		CHEESE, PACKAGES.	
	Eastern.	Western.	Eastern.	Western.
November, 1897.....	23,781	98,504	124,861	8,394
December, 1897.....	25,867	106,695	94,335	5,174
January, 1898.....	13,806	119,849	44,878	5,400
February, 1898.....	10,523	113,863	21,471	4,300
March, 1898.....	13,977	133,876	23,969	5,736
April, 1898.....	18,878	123,963	28,988	4,061
May, 1898.....	17,373	192,998	63,070	9,373
June, 1898.....	23,890	254,744	139,554	9,140
July, 1898.....	16,917	200,770	156,069	8,376
August, 1898.....	16,866	160,397	149,966	10,278
September, 1898.....	19,228	199,066	137,638	16,788
October, 1898.....	21,798	113,069	190,713	14,848
Year.....	220,313	1,748,683	1,113,545	101,808

	EXPORTS.					
	BUTTER, POUNDS.		CHEESE, POUNDS.		OLEO. IN POUNDS.	
	Ports of New York.	All ports.	Ports of New York.	All ports.	Ports of New York.	All ports.
November, 1897.....	446,912	680,791	1,656,737	2,126,154	178,740	194,420
December, 1897.....	437,043	507,421	1,673,348	2,517,175	155,098	339,665
January, 1898.....	460,374	590,069	1,766,060	2,234,005	146,836	150,976
February, 1898.....	498,496	748,794	1,121,345	1,587,492	156,019	264,006
March, 1898.....	1,232,717	1,505,239	1,780,158	2,188,364	235,685	336,911
April, 1898.....	496,799	643,706	1,493,312	1,834,334	249,796	439,376
May, 1898.....	373,661	1,319,864	1,601,297	2,408,013	223,397	361,155
June, 1898.....	1,265,452	2,379,926	3,899,102	6,253,699	234,423	399,486
July, 1898.....	406,181	911,094	2,637,002	5,222,359	168,837	626,341
August, 1898.....	498,108	936,719	2,631,660	5,178,583	239,922	539,428
September, 1898.....	908,600	1,310,854	1,789,920	4,076,339	165,204	748,248
October, 1898.....	1,109,005	1,706,839	2,042,697	3,708,338	186,562	471,716
Year.....	8,646,282	13,160,296	24,180,428	39,396,810	2,315,508	5,510,708

	Creamery extra fresh.	Best June.	State Dairy extra half- firkins.	Best firkins.	Best western dairy.	Best imitation creamery.	Best fresh factory.	Best June.
1897.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
November ...	28 1-8	30 1-8	20	17 3-4	.....	16 5-8	12 1-8	13 1-8
December....	22 7-8	21	20	18 2-8	.....	17 7-8	15 1-8	14 5-8
Average .	23	20 3-4	20	18 5-24	.....	17 1-4	13 11-12	13 47-48
1898.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
January.....	20 1-2	19 1-5	18 1-4	17 7-8	.....	16 7-8	14 3-4	14 1-8
February....	20	17 2-8	17	16 7-8	.....	16 3-4	13 3-4	13 3-4
March.....	19 1-2	17 1-8	18 1-8	16 4-5	.....	16 4-5	14 2-8	13 3-4
April.....	19 2-5	17 1-8	17 3-4	17	.....	17 4-5	15 1-5	14 1-8
May.....	16 1-4	.....	15 1-2	.....	.....	14 3-8	13 1-8	.....
June.....	16 3-4	.....	15 1-8	.....	.....	14 1-4	12 5-8	.....
July.....	17 3-5	.....	15 5-8	.....	13 7-8	14 7-8	13	12 2-3
August.....	18 7-8	19	17	.....	15	15 3-4	13 2-5	14
September...	20	19 1-8	17 7-8	.....	15 1-8	16 1-8	13 3-8	14 1-8
October.....	21 7-8	19 5-8	18 7-8	18	15 1-8	16 3-4	13 3-4	14 3-8
Average .	19 3-40	18 1-8	16 1-4	17 3-10	14 7-8	16 3-5	13 7-10	13 15-56

	WHITE.		COLORED.	
	Large, fancy.	Small, fancy.	Large, fancy.	Small, fancy.
1897.	Cents.	Cents.	Cents.	Cents.
November.....	8 1-2	9 1-4	8 1-2	9 1-4
December.....	8 3-8	9 1-8	8 3-8	9 1-8
Average	8 7-16	9 3-16	8 7-16	9 3-16
1898.				
January.....	8 5-8	9 1-4	8 5-8	9 1-4
February....	8 1-2	9	8 1-2	9
March.....	8 1-8	8 1-2	8 1-8	8 1-2
April.....	8 1-8	8 3-5	8 1-4	8 3-5
May.....	7 1-2	7 5-8	7 7-8	7 2-3
June.....	6 7-8	7 1-8	7	7 1-4
July.....	7 1-8	7 5-8	7 1-8	7 7-8
August.....	7 1-5	7 3-4	7 2-5	7 7-8
September...	7 7-8	8	7 3-4	8
October.....	8 1-2	9	8 1-2	9
Average	7 4-5	8 1-4	7 9-10	8 1-3

Total Receipts over all roads for the year ending September 30, 1898.

MONTH.	Cans crude milk.	Cans cream.	Cans unsweetened condensed milk.	Average market price to producer per quart.	Platform price per can, freight paid.
Cents.					
1897.					
October.....	710,126	15,955	5,100	2.5	\$1 36
November.....	679,543	14,365	4,436	2.88	1 40
December.....	695,374	14,864	4,751	3.	1 46
1898.					
January.....	679,125	11,943	5,973	2.75	1 34
February.....	688,485	12,747	5,736	2.6	1 26
March.....	738,896	15,760	7,068	2.37	1 35
April.....	708,395	18,340	6,919	2.35	1 30
May.....	759,393	27,619	7,408	2.12	1 16
June.....	776,493	36,160	8,316	1.75	1 00
July.....	819,964	38,907	7,014	2.	1 60
August.....	777,044	33,998	8,518	2.25	1 30
September.....	761,437	26,309	7,436	2.45	1 40
	8,738,635	205,761	78,669		

Total cans crude milk.....	8,738,635
Total cans cream.....	205,761
Total cans unsweetened condensed milk.....	78,669
Estimated value (freight included).....	\$14,638,759 46

Daily average cans crude milk.....	23,941
Daily average cans cream.....	738
Daily average cans unsweetened condensed milk.....	215

The above amount of milk does not include milk sold to condensers, most of which reaches the New York market in small cans, which is estimated to equal 2,000,000 cans.

Estimated value	\$2,820,000 00
Estimated value, as shown above	14,638,759 46
Total	\$17,458,759 46

The above receipts of milk, cream and condensed milk is equal to 12,382,106 cans of crude milk, of 40 quarts each, or 495,284,240 quarts, representing a daily receipt of 1,356,943 quarts of crude milk.

Prosecutions.**OLEOMARGARINE.**

The following statement represents prosecutions commenced during the year ending September 30, 1898, for violations of the Agricultural Law relating to the sale of oleomargarine and the present status of the cases.

CASE No. 1942.*Fourth District City Magistrate's Court, New York City.*

Warrant issued April 25, 1898; answered to April 26th; held in bail for trial at Special Sessions; called for pleading May 5th; adjourned for trial to May 12th; adjourned for trial to May 26th; plead guilty; fined \$25.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, J. T. Norton.

Chemist: E. G. Love.

CASE No. 1964.*Third District City Magistrate's Court, New York City.*

Warrant issued January 20, 1898; answered to January 22d; examination held, and case dismissed.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark.

Chemist: E. G. Love.

CASE No. 2360.*Seventh District City Magistrate's Court, New York City.*

Warrant issued May 17, 1898; answered to May 18th; held in bail for trial at Special Sessions; called for pleading May 26th; adjourned for trial to June 22nd, and plead guilty; fined \$25.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, C. Sears.

Chemist: E. G. Love.

CASE No. 2362.

Supreme Court, New York County.

Civil penalty action; summons and complaint served April 2, 1898; action discontinued April 2d, on payment of civil penalty of \$25.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, C. Sears.

Chemist: E. G. Love.

CASE No. 1505.

Myrtle Avenue City Magistrate's Court, Brooklyn, N. Y.

Warrant issued February 23, 1898; answered to February 24th; held in bail for trial at Special Sessions; called for trial March 11th, and plead guilty; fined \$50.

Counsel: Tiffany & Brush.

Witnesses: J. M. Esmay, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 2510.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served March 15, 1898; action discontinued March 15th, on payment of civil penalty of \$50 and costs.

Counsel: Tiffany & Brush.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 2504.

Second District City Magistrate's Court, New York City.

Warrant issued June 14, 1898; answered to June 15th; held in bail for trial at Special Sessions; called for pleading June 23d;

adjourned for trial to July 11th; tried; convicted; sentence suspended.

Counsel: Tiffany & Brush.

Witnesses: C. Sears, J. McGuire.

Chemist: J. F. Geisler.

CASE No. 2507.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served March 30, 1898; on calendar awaiting trial.

Counsel: Tiffany & Brush.

Witnesses: C. Sears, J. McGuire.

Chemist: J. F. Geisler.

CASE No. 2361.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served March 29, 1898; action discontinued March 29th on payment of civil penalty of \$25.

Counsel: H. M. Heymann.

Witnesses: C. Sears, J. McGuire.

Chemist: E. G. Love.

CASE No. 2365.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served March 30, 1898; action discontinued on payment of civil penalty of \$25.

Counsel: Tiffany & Brush.

Witnesses: C. Sears, J. McGuire.

Chemist: E. G. Love.

CASE No. 1902.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served February 8, 1898; action discontinued February 14th on payment of civil penalty of \$50.

Counsel: H. M. Heymann.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 2351.*Sixth District City Magistrate's Court, Brooklyn, N. Y.*

Warrant issued April 16, 1898; answered to April 21st; adjourned for examination to April 22d; held in bail for trial at Special Sessions; called for pleading May 6th; adjourned for trial to May 13th, and plead guilty; fined \$25.

Counsel: Robt. Mazet.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 1901.*Lee Avenue City Magistrate's Court, Brooklyn, N. Y.*

Warrant issued April 7, 1898; answered to April 11th; adjourned for examination to April 19th; held in bail for trial at Special Sessions; called for pleading April 27th; adjourned for trial to May 6th; tried; convicted; fined \$25.

Counsel: H. M. Heymann.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 1900.

Lee Avenue City Magistrate's Court, Brooklyn, N. Y.

Warrant issued April 7, 1898; answered to April 11th; adjourned for examination to April 19th; held in bail for trial at Special Sessions; called for pleading April 27th; adjourned for trial to May 6th; tried; convicted, fined \$25.

Counsel: H. M. Heymann.

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 1945.

Sixth District City Magistrate's Court, Brooklyn, N. Y.

Warrant issued March 2, 1898; answered to March 3d; adjourned for examination to March 11th; held in bail for trial at Special Sessions; called for trial April 7th; tried; convicted; fined \$25.

Counsel: W. J. Griffin.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 1880.

Supreme Court, Queens County, N. Y.

Civil penalty action; summons and complaint served February 5, 1898; action discontinued on August 1, 1898, on payment of civil penalty of \$50 and costs.

Counsel: W. J. Griffin.

Witnesses: J. M. Esmay, A. D. Clark, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 2358.

Second District City Magistrate's Court, New York City.

Warrant issued April 25, 1898; answered to April 27th; held in bail for trial at Special Sessions. Called for pleading May 19th, and plead guilty; fined \$25.

Counsel: C. G. Macy.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 1892.

City Magistrate's Court, Brooklyn, N. Y.

Warrant issued February 14, 1898; answered to February 15th; adjourned to February 16th; held in bail for trial at Special Sessions. Called for trial March 4th; tried; convicted; fined \$50.

Counsel: W. J. Griffin.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 2002.

Butler Street City Magistrate's Court, Brooklyn, N. Y.

Warrant issued February 23, 1898; answered to February 25th; held in bail for trial at Special Sessions. Called for trial March 4th, and plead guilty; fined \$50.

Counsel: Robt. Mazet.

Witnesses: J. M. Esmay, W. C. Patrick, A. D. Clark.

Chemist: E. G. Love.

CASE No. 1887.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served April 27, 1898; action discontinued April 27th on payment of civil penalty of \$25. |

Counsel: Robt. Mazet.

Witnesses: C. Sears and A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 1898.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served February 8, 1898; action discontinued February 14th on payment of civil penalty of \$50.

Counsel: H. M. Heymann.

Witnesses: J. M. Esmay, W. C. Patrick, A. D. Clark.

Chemist: E. G. Love.

CASE No. 2000.

Butler Street City Magistrate's Court, Brooklyn, N. Y.

Warrant issued February 3, 1898; answered to February 5th; adjourned to February 7th; to February 11th, and held in bail for trial at Special Sessions. Called for pleading February 18th; adjourned for trial to February 23d; to February 25th; to March 4th; to March 11th; to March 25th; to April 1st; tried; convicted; fined \$25.

Counsel: C. G. Macy.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 1947.

Lee Avenue District Magistrate's Court, Brooklyn, N. Y.

Warrant issued February 10, 1898; answered to February 11th; adjourned to February 15th, and held for trial at Special Sessions. Called for trial February 23d, and plead guilty; fined \$25.

Counsel: H. M. Heymann.

Witnesses: W. C. Patrick, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 1940.

Butler Street City Magistrate's Court, Brooklyn, N. Y.

Warrant issued February 4, 1898; answered to February 5th; adjourned to February 7th; to February 11th; held for trial at Special Sessions. Called for trial February 18th; adjourned to February 23d; to March 4th, and plead guilty; fined \$25.

Counsel: C. G. Macy.

Witnesses: J. T. Norton, J. McGuire.

Chemist: E. G. Love.

CASE No. 1896.

Lee Avenue City Magistrate's Court, Brooklyn, N. Y.

Warrant issued February 10, 1898; answered to February 11th; adjourned for examination to February 15th, and held in bail for trial at Special Sessions. Called for trial February 21st, and plead guilty; fined \$25.

Counsel: H. M. Heymann.

Witnesses: W. C. Patrick, A. D. Clark.

Chemist: E. G. Love.

CASE No. 1897.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served February 8, 1898; action discontinued February 14th on payment of civil penalty of \$50.

Counsel: H. M. Heymann.

Witnesses: W. C. Patrick, A. D. Clark, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 1909.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served February 28, 1898; action discontinued March 4th on payment of civil penalty of \$50 and costs.

Counsel: H. M. Heymann.

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 1881.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served February 28, 1898; action discontinued March 4th on payment of civil penalty of \$50 and costs.

Counsel: H. M. Heymann.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 1904.

Gates Avenue City Magistrate's Court, Brooklyn, N. Y.

Warrant issued April 16, 1898; answered to April 21st; held in bail for trial at Special Sessions. Called for pleading May 6th; adjourned to May 13th, and plead guilty; fined \$25.

Counsel: Robt. Mazet.

Witnesses: W. C. Patrick, J. M. Esmy.

Chemist: J. F. Geisler.

CASE No. 1875.

Butler Street City Magistrate's Court, Brooklyn, N. Y.

Warrant issued March 16, 1898; answered to March 18th; adjourned to March 22d; held in bail for trial at Special Sessions. Called for pleading March 30th; adjourned for trial to April 1st, and plead guilty; fined \$25.

Counsel: C. G. Macy.

Witnesses: J. McGuire, J. T. Norton.

Chemist: J. F. Geisler.

CASE No. 1952.

Justice Kramer's Police Court, Brooklyn, N. Y.

Warrant issued February 25, 1898; absconded before warrant was served.

Counsel: H. M. Heymann.

Witnesses J. McGuire, J. T. Norton.

Chemist: J. F. Geisler.

CASE No. 1962.

Second District City Magistrate's Court, New York City.

Warrant issued December 22, 1897; answered to December 23d; held in bail for trial at Special Sessions. Called for trial December 30th; adjourned to January 6, 1898, and plead guilty; fined \$50.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, J. T. Norton.

Chemist: E. G. Love.

CASE No. 1913.

Supreme Court, New York County.

Civil penalty action; summons and complaint served January 26, 1898; action discontinued January 26, 1898, on payment of civil penalty of \$25.

Counsel: H. M. Heymann.

Witnesses: C. Sears, W. C. Patrick.

Chemist: E. G. Love.

. CASE No. 1873.

First District City Magistrate's Court, New York City.

Warrant issued February 5, 1898; answered to February 28th; held in bail for examination March 7th; adjourned to March 10th; held in bail for trial at Special Sessions. Called for pleading March 17th; adjourned for trial March 24th; to March 31st; to April 7th; to April 14th; to April 21st, and tried; convicted; fined \$50.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, J. T. Norton.

Chemist: E. G. Love.

CASE No. 1944.

Fourth District City Magistrate's Court, New York City.

Warrant issued December 9, 1897; answered to December 13th; held in bail for trial at Special Sessions. Called for pleading December 16th; adjourned for trial to December 23d, and plead guilty; fined \$25.

Counsel: C. G. Macy.

Witnesses: J. T. Norton, J. McGuire and A. D. Clark.

Chemist: E. G. Love.

CASE No. 1951.

Justice Kramer's Police Court, Brooklyn, N. Y.

Warrant issued December 13, 1897; answered to December 15th; adjourned to December 17th, and plead guilty; fined \$25.

Counsel: C. G. Macy.

Witnesses: J. T. Norton, J. McGuire.

Chemist: E. G. Love.

CASE No. 1958.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served January 12, 1898; action discontinued on January 12, 1898, on payment of civil penalty of \$50.

Counsel: C. G. Macy.

Witnesses: J. T. Norton, J. McGuire, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 1960.

Justice Kramer's Police Court, Brooklyn, N. Y.

Warrant issued December 15, 1897; answered to December 17th; adjourned to December 23d, and plead guilty; fined \$25.

Counsel C. G. Macy.

Witnesses: J. T. Norton, J. McGuire, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 1872.

Supreme Court, New York County.

Civil penalty action; summons and complaint served February 18, 1898; action discontinued February 18th on payment of civil penalty of \$50.

Counsel: H. M. Heymann.

Witnesses: J. T. Norton, J. McGuire.

Chemist: E. G. Love.

CASE No. 1949.

Second District City Magistrate's Court, New York City.

Warrant issued December 27, 1897; answered to December 28th; held in bail for trial at Special Sessions. Called for trial January 6, 1898; adjourned to January 13th, and plead guilty; sentence suspended.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, John McGuire.

Chemist: E. G. Love.

CASE No. 1919.

Seventh District City Magistrate's Court, New York City.

Warrant issued December 10, 1897; answered to December 13th; held in bail for trial at Special Sessions. Called for trial December 23d, and plead guilty; fined \$25.

Counsel: H. M. Heymann.

Witnesses: W. C. Patrick, J. T. Norton.

Chemist: E. G. Love.

CASE No. 1986.

Seventh District City Magistrate's Court, New York City.

Summons issued December 7, 1897; answered to December 9th; held in bail for trial at Special Sessions. Called for pleading December 23d; adjourned for trial to January 6, 1898; to January 20th; to February 3d, and plead guilty; sentence suspended.

Counsel: H. M. Heymann.

Witnesses: C. Sears, J. T. Norton.

Chemist: E. G. Love.

CASE No. 1959.

Justice Connorton's Police Court, Flushing, N. Y.

Warrant issued February 3, 1898; answered to February 4th; adjourned to February 5th; held in bail for trial at Special Sessions. Called for trial February 8th, and plead guilty; fined \$25.

Counsel: H. M. Heymann.

Witnesses: W. C. Patrick, J. T. Norton.

Chemist: J. F. Geisler.

CASE No. 1961.

Justice Kramer's Police Court, Brooklyn, N. Y.

Warrant issued January 27, 1898; answered to January 29th, and plead guilty; fined \$25.

Counsel: H. M. Heymann.

Witnesses: W. C. Patrick, J. T. Norton.

Chemist: J. F. Geisler.

CASE No. 1910.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served January 14, 1898; action discontinued on February 21st, on payment of civil penalty of \$50 and costs.

Counsel: W. J. Griffin.

Witnesses: A. D. Clark, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 1884.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served January 14, 1898; action discontinued on payment of civil penalty on February 4th of \$100 and costs.

Counsel: W. J. Griffin.

Witnesses: A. D. Clark, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 1890.

Second District City Magistrate's Court, New York City.

Warrant issued December 27, 1897; answered to December 28th; held in bail for trial at Special Sessions. Called for trial

January 6, 1898; adjourned to January 13th, and plead guilty; fined \$50.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, Chas. Sears, J. McGuire.

Chemist: J. F. Geisler.

CASE No. 1885.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served on January 28, 1898; action discontinued February 21st on payment of civil penalty of \$50 and costs.

Counsel: W. J. Griffin.

Witnesses: W. C. Patrick, A. D. Clark.

Chemist: E. G. Love.

CASE No. 1883.

First District City Magistrate's Court, Brooklyn, N. Y.

Warrant issued on January 26, 1898; answered to January 28th, and plead guilty; sentence suspended.

Counsel: W. J. Griffin.

Witnesses: W. C. Patrick, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 1891.

Supreme Court, Queens County, N. Y.

Civil penalty action; summons and complaint served February 5, 1898; action discontinued August 1st, on payment of civil penalty of \$50 and costs.

Counsel: W. J. Griffin.

Witnesses: W. C. Patrick, J. M. Esmay, A. D. Clark.

Chemist: E. G. Love.

CASE No. 2355.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served February 3, 1898; action discontinued February 9th on payment of civil penalty of \$25 and costs.

Counsel: W. J. Griffin.

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 1894.

Supreme Court, Queens County, N. Y.

Civil penalty action; summons and complaint served February 5, 1898; action discontinued August 1st on payment of civil penalty of \$50 and costs.

Counsel: W. J. Griffin.

Witnesses: A. D. Clark, J. McGuire and J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 1905.

Second District City Magistrate's Court, New York City.

Warrant issued April 1, 1898; answered to April 2d; adjourned for examination to April 4th, and case dismissed.

Counsel: Robt. Mazet

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: E. G. Love.

CASE No. 1879.

Supreme Court, New York County.

Civil penalty action; summons and complaint served January 25, 1898; action discontinued January 25th, on payment of civil penalty of \$50.

Counsel: H. M. Heymann.

Witnesses: Chas. Sears, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 2416.

Seventh District City Magistrate's Court, New York City.

Warrant issued June 21, 1898; absconded before warrant was served.

Counsel: Tiffany & Brush.

Witnesses: J. McGuire, A. D. Clark.

Chemist: E. G. Love.

CASE No. 2417.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 12, 1898; action discontinued September 12th, on payment of civil penalty of \$25 and costs.

Counsel: Henry Marshall.

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 2414.

Seventh District City Magistrate's Court, New York City.

Warrant issued July 7, 1898; answered to July 12th; held in bail for trial at Special Sessions.

Counsel: H. M. Heymann.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 2536.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served June 3, 1898; action discontinued on June 3d, on payment of civil penalty of \$25.

Counsel: W. J. Griffin.

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 2408.

Seventh District City Magistrate's Court, New York City.

Warrant issued May 10, 1898; answered to May 11th; held in bail for trial at Special Sessions; called for trial May 19th; adjourned to May 26th, and plead guilty; fined \$25.

Counsel: B. Oppenheimer.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 2409.

Fourth District City Magistrate's Court, New York City.

Warrant issued June 14, 1898; answered to June 16th; held in bail for trial at Special Sessions; called for pleading June 23d, and plead guilty; fined \$25.

Counsel: H. M. Heymann.

Witnesses: C. Sears, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 2373.

Seventh District City Magistrate's Court, New York City.

Warrant issued May 18, 1898; answered to May 18th; held in bail for trial at Special Sessions; called for trial May 27th; adjourned to June 2d; adjourned to June 16th; adjourned to July 11th; tried; convicted; fined \$25.

Counsel: W. J. Griffin.

Witnesses: A. D. Clark, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 2406.

Seventh District City Magistrate's Court, New York City.

Warrant issued July 7, 1898; answered to July 8th; held in bail for trial at Special Sessions; called for pleading July 14th; adjourned without date.

Counsel: B. Oppenheimer.

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: E. G. Love.

CASE No. 2513.

Fourth District City Magistrate's Court, New York City.

Warrant issued March 18, 1898; answered to March 18th; adjourned for examination to March 21st; held in bail for trial at Special Sessions; called for trial March 25th, and plead guilty; fined \$200 and 3 months' imprisonment in the city prison.

Counsel: H. M. Heymann.

Witnesses: C. Sears, A. D. Clark, I. Sinsheimer.

Chemist: J. F. Geisler.

CASE No. 2538.

Second District City Magistrate's Court, New York City.

Warrant issued May 13, 1898; answered to May 14th; held in bail for trial at Special Sessions; called for pleading May 26th, and plead guilty; fined \$25.

Counsel: B. Oppenheimer.

Witnesses: J. McGuire, J. T. Norton.

Chemist: E. G. Love.

CASE No. 2537.

Butler Street City Magistrate's Court, Brooklyn, N. Y.

Warrant issued March 18, 1898; answered to March 30th; adjourned to April 6th; adjourned to April 9th; held in bail for trial at Special Sessions; called for trial May 13th; adjourned to May 20th; tried and acquitted.

Counsel: H. M. Heymann.

Witnesses: J. M. Esmay, C. Sears.

Chemist: J. F. Geisler.

CASE No. 2393.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served April 8, 1898; action discontinued April 14th, on payment of civil penalty of \$25.

Counsel: H. M. Heymann.

Witnesses: J. M. Esmay, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 2379.*Seventh District City Magistrate's Court, New York City.*

Warrant issued May 12, 1898; answered to May 21st; held in bail for trial at Special Sessions; called for trial June 23d; adjourned to July 11th; tried; convicted; fined \$25.

Counsel: W. J. Griffin.

Witnesses: J. M. Esmay, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 2539.*Butler Street City Magistrate's Court, Brooklyn, N. Y.*

Warrant issued May 10, 1898; answered to May 12th; adjourned to May 17th; adjourned to May 24th; held in bail for trial at Special Sessions; called for trial June 10th; adjourned to June 17th; tried; convicted; fined \$25.

Counsel: B. Oppenheimer.

Witnesses: J. M. Esmay, C. Sears.

Chemist: J. F. Geisler.

CASE No. 1955.

Fifth District City Magistrate's Court, New York City.

Warrant issued April 15, 1898; answered to April 18th; held in bail for trial at Special Sessions; called for pleading April 28th; adjourned for trial to May 5th; tried; convicted; fined \$25.

Counsel: C. G. Macy.

Witnesses: A. D. Clark, C. Sears.

Chemist: J. F. Geisler.

CASE No. 2503.

Seventh District City Magistrate's Court, New York City.

Warrant issued April 18, 1898; answered to April 19th; held in bail for trial at Special Sessions; called for pleading April 28th; adjourned for trial to May 5th, and plead guilty; fined \$50.

Counsel: C. G. Macy.

Witnesses: J. T. Norton, J. McGuire, C. Sears.

Chemist: E. G. Love.

CASE No. 2533.

Second District City Magistrate's Court, New York City.

Warrant issued April 20, 1898; absconded before warrant was served.

Counsel: C. G. Macy.

Witnesses: A. D. Clark, J. M. Esmay.

Chemist: E. G. Love.

CASE No. 2534.

Seventh District City Magistrate's Court, New York City.

Warrant issued May 10, 1898; absconded before warrant was served.

Counsel: C. G. Macy.

Witnesses: J. M. Esmay, A. D. Clark.

Chemist: E. G. Love.

CASE No. 2521.

Second District City Magistrate's Court, New York City.

Warrant issued April 28, 1898; answered to May 5th; held in bail for trial at Special Sessions; called for pleading May 12th; adjourned for trial to May 26th; plead guilty; fined \$25.

Counsel: Benj. Estes.

Witnesses: J. McGuire, C. Sears.

Chemist: J. F. Geisler.

CASE No. 2531.

Second District City Magistrate's Court, New York City.

Warrant issued June 7, 1898; answered to June 8th; held in bail for trial at Special Sessions; called for trial July 11th; tried; convicted; fined \$25.

Counsel: Benj. Estes.

Witnesses: J. McGuire, A. D. Clark.

Chemist: E. G. Love.

CASE No. 2370.

Second District City Magistrate's Court, New York City.

Warrant issued April 1, 1898; answered to April 22d; adjourned to April 28th; held in bail for trial at Special Sessions; called for pleading May 5th; adjourned for trial to May 12th; tried; convicted; fined \$25.

Counsel: Benj. Estes.

Witnesses: C. Sears, J. McGuire.

Chemist: J. F. Geisler.

CASE No. 2506.

Seventh District City Magistrate's Court, New York City.

Warrant issued May 17, 1898; answered to May 18th; held in bail for trial at Special Sessions; called for pleading May 20th; adjourned for trial June 2d; plead guilty; fined \$25.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 2368.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served February 16, 1898; action discontinued February 16th, on payment of civil penalty of \$100, and costs.

Counsel: Tiffany & Brush.

Witnesses: A. D. Clark, W. C. Patrick.

Chemist: J. F. Geisler.

CASE (Special).

Lee Avenue City Magistrate's Court, Brooklyn, N. Y.

Warrant issued January 13, 1898; answered to January 24th; adjourned to January 27th; tried; convicted; fined \$25.

Counsel: Griffin and Macy.

Witnesses: L. Hamberger, W. C. Patrick, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 2364.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served June 21, 1898; awaiting trial.

Counsel: Tiffany & Brush.

Witnesses: J. McGuire, C. Sears.

Chemist: E. G. Love.

CASE No. 2514.

Adams Street City Magistrate's Court, Brooklyn, N. Y.

Warrant issued April 6, 1898; answered to April 8th; adjourned for examination to April 13th; held in bail for trial at Special Sessions; called for pleading May 4th; adjourned for trial to May 13th; tried; convicted; fined \$25.

Counsel: Tiffany & Brush.

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: E. G. Love.

CASE No. 1882.

Fifth District City Magistrate's Court, New York City.

Warrant issued March 29, 1898; answered to March 31st; adjourned for examination to April 2d; case withdrawn.

Counsel: H. M. Heymann.

Witnesses: J. T. Norton, J. McGuire.

Chemist: E. G. Love.

CASE No. 1882.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served April 2, 1898; action discontinued April 2d, on payment of civil penalty of \$25.

Counsel: H. M. Heymann.

Witnesses: J. T. Norton, J. McGuire.

Chemist: E. G. Love.

CASE No. 2527.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served February 18, 1898; answered to March 9th; awaiting trial.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. M. Esmay.

Chemist: E. G. Love.

CASE No. 1957.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served February 25, 1898; action discontinued on February 25, on payment of civil penalty of \$25.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, J. T. Norton, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 2501.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served May 2, 1898; action discontinued May 2d, on payment of civil penalty of \$25 and costs.

Counsel: C. G. Macy.

Witnesses: J. McGuire, C. Sears.

Chemist: E. G. Love.

CASE No. 2541.

Seventh District City Magistrate's Court, New York City.

Warrant issued July 7, 1898; absconded before warrant was served.

Counsel: H. M. Heymann.

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: E. G. Love.

CASE No. 1911.

Butler Street City Magistrate's Court, Brooklyn, N. Y.

Warrant issued March 2, 1898; absconded before warrant was served.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. M. Esmay, R. Glattley.

Chemist: E. G. Love.

CASE No. 2526.

Second District City Magistrate's Court, New York City.

Warrant issued April 21, 1898; answered to April 22d; held in bail for trial at Special Sessions; called for pleading April 28th; adjourned for trial to May 5th, and plead guilty; fined \$25.

Counsel: Benj. Estes.

Witnesses: C. Sears, J. McGuire.

Chemist: J. F. Geisler.

CASE No. 2502.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served February 22, 1898; action discontinued February 22d, on payment of civil penalty of \$50 and costs.

Counsel: C. G. Macy.

Witnesses: J. McGuire, C. Sears.

Chemist: E. G. Love.

CASE No. 2366.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served February 10, 1898; action discontinued February 10th, on payment of civil penalty of \$50.

Counsel: C. G. Macy.

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 2359.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served January 31, 1898; action discontinued on January 31st, on payment of civil penalty of \$100 and costs.

Counsel: C. G. Macy.

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: E. G. Love.

CASE No. 2511.

First District City Magistrate's Court, New York City.

Warrant issued March 17, 1898; answered to March 18th; held in bail for trial at Special Sessions; called for pleading March 24th, and case transferred to General Sessions.

Counsel: C. G. Macy.

Witnesses: W. C. Patrick, Frank Crawford, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 2352.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served February 3, 1898; action discontinued February 3d, on payment of civil penalty of \$100.

Counsel: C. G. Macy.

Witnesses: W. C. Patrick, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 1907.

Gates Avenue City Magistrate's Court, Brooklyn, N. Y.

Warrant issued April 13, 1898; answered to April 14th, and plead guilty; fined \$25.

Counsel: C. G. Macy.

Witnesses: W. C. Patrick, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 1878.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served February 15, 1898; action discontinued February 15th, on payment of civil penalty of \$100 and costs.

Counsel: C. G. Macy.

Witnesses: A. D. Clark, J. M. Esmay, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 1871.

Butler Street City Magistrate's Court, Brooklyn, N. Y.

Warrant issued March 16, 1898; answered to March 18th, and adjourned to March 22d; held in bail for trial at Special Sessions; called for pleading March 30th, and adjourned for trial to April 1st; to April 11th; case transferred to General Sessions; case before grand jury April 25th; awaiting trial.

Counsel: C. G. Macy.

Witnesses: J. McGuire, J. T. Norton.

Chemist: E. G. Love.

CASE No. 1941.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served January 22, 1898; action discontinued February 19th, on payment of civil penalty of \$50.

Counsel: C. G. Macy.

Witnesses: J. T. Norton, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 1882.

Fifth District City Magistrate's Court, New York City.

Warrant issued January 18, 1898; absconded before warrant was served.

Counsel: H. M. Heymann.

Witnesses: J. T. Norton, J. McGuire.

Chemist: E. G. Love.

CASE No. 1957.

Lee Avenue City Magistrate's Court, Brooklyn, N. Y.

Warrant issued February 25, 1898; absconded before warrant was served.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, J. T. Norton, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 1886.

Lee Avenue City Magistrate's Court, Brooklyn, N. Y.

Warrant issued February 25, 1898; answered to February 28th, and adjourned for examination to March 3d, and held in bail for trial at Special Sessions; called for pleading March 11th; adjourned to March 25th; case transferred to General Sessions; before grand jury March 28th.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, J. T. Norton.

Chemist: E. G. Love.

CASE No. 2401.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served April 16, 1898; action discontinued April 16, 1898, on payment of civil penalty of \$25.

Counsel: W. J. Griffin.

Witnesses: J. M. Esmay, C. Sears.

Chemist: J. F. Geisler.

CASE No. 2394.

Defendant having absconded, case discontinued.

Counsel: H. M. Heymann.

Witnesses: J. M. Esmay, A. D. Clark and R. Glaitti.

Chemist: J. F. Geisler.

CASE No. 2508.

Defendant having absconded, case discontinued.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire and L. Brosgean.

Chemist: E. G. Love.

CASE No. 2367.

Defendant having absconded, case discontinued.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark and Fred. Zeigelmeyer.

Chemist: J. F. Geisler.

CASE No. 2385.

Defendant having absconded, case discontinued.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark and G. Gross.

Chemist: J. F. Geisler.

The status of the following 30 prosecutions for violation of the Agricultural Law, relating to adulterated vinegar, was fully reported in last annual report; the final disposition of all of them is given in the annexed table.

The Status and Final Disposition of the Following Vinegar Cases, Previously Reported, is given in the Annexed Table.

Case No.	COURT.	Place.	Called for trial.	Remarks.
1063	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1064	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1060	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1417	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Fined \$50.
1415	Special Sessions.....	New York city.	October 25, 1897	Tried, convicted. Sentence suspended.
1416	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1409	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1040	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1047	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1408	Supreme.....	New York city.	June 16, 1898	Civil action withdrawn.
1406	Supreme.....	New York city.	June 16, 1898	Civil action withdrawn.
100	Supreme.....	Brooklyn.	October 18, 1897	Case discontinued. Paid civil penalty of \$100 and costs.
911	Supreme.....	New York city.	October 27, 1897	Case discontinued. Paid penalty of \$35.
1060	Supreme.....	Brooklyn.	October 18, 1897	Case discontinued on payment of civil penalty of \$50.
1067	Supreme (N. Y. Co.).....	New York city.	November 4, 1897	Case discontinued on payment of penalty of \$50.
1055	Special Sessions.....	New York city.	October 25, 1897	Sentence suspended.
1066	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1411	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1062	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1418	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1414	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1410	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1407	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1378	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.
1398	Special Sessions.....	New York city.	October 25, 1897	Plead guilty. Sentence suspended.

1897	Special Sessions.....	New York city.	October	25, 1897	Plead guilty. Sentence suspended.
1413	Special Sessions.....	New York city.	October	25, 1897	Plead guilty. Sentence suspended.
1056	Special Sessions.....	New York city.	October	25, 1897	Plead guilty. Sentence suspended.
533	Supreme.....	New York city.	October	12, 1897	Case discontinued on payment of civil penalty of \$100 and costs.
1869	Supreme	New York city.	November	10, 1897	Paid civil penalty of \$100 and costs.

Prosecutions.**VINEGAR.**

The following statement represents the prosecutions commenced during the year ending September 30, 1898, for violations of the Agricultural Law, relating to the sale of adulterated vinegar.

CASE No. 1376.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served October 25, 1898; action discontinued October 25, 1898, on payment of civil penalty of \$25.

Counsel: Fred A. Ware.

Witnesses: M. T. Morgan, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 1403.

City Magistrate's Court, New York City.

Warrant issued June 24, 1898; returnable June 24th, and held in bail for trial at Special Sessions. Called for trial July 15th and tried and acquitted.

Counsel: Henry M. McKean.

Witnesses: J. T. Norton, C. Sears, M. Zanzoni.

Chemist: E. G. Love.

CASE No. 1379.

City Magistrate's Court, New York City.

Warrant issued October 1, 1897; answered to October 8th; held in bail for trial at Special Sessions. Called for pleading October 14th; plead guilty; fined \$25.

Counsel: W. J. Griffin.

Witnesses: J. McGuire, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 1072.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served November 8, 1897; answered to November 20th, and action placed on calendar for trial; action discontinued on February 1, 1898, on payment of civil penalty of \$100 and costs.

Counsel: W. J. Griffin.

Witnesses: J. McGuire, C. Sears.

Chemist: E. G. Love.

CASE No. 1415.

First District City Magistrate's Court, New York City.

Warrant issued October 15, 1897; answered to October 20th; adjourned for examination to October 27th; held in bail for trial at Special Sessions. Called for trial November 4th; plead guilty; sentence suspended.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark, A. Francisco.

Chemist: E. G. Love.

CASE No. 1063.

First District City Magistrate's Court, New York City.

Warrant issued October 15, 1897; answered to October 20th; adjourned for examination to October 27th; held in bail for trial at Special Sessions; called for pleading November 4th, and plead guilty; sentence suspended.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark, M. Spinello.

Chemist: E. G. Love.

CASE No. 1060.

First District City Magistrate's Court, New York City.

Warrant issued October 11, 1897; answered to October 11th; adjourned for examination to October 13th; to October 22d; to November 4th; to November 11th; to November 18th; to December 2d; to January 12, 1898; to January 18th; to January 21st; to February 7th; to February 11th; to March 15th, and held in bail for trial at Special Sessions. Called for pleading March 31st; adjourned for trial to April 7th; to April 14th; to April 21st; tried and decision reversed. Case called for April 29th and defendant acquitted.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark, S. Fidanzi.

Chemist: E. G. Love.

CASE No. 1409.

Second District City Magistrate's Court, New York City.

Warrant issued October 18, 1897; answered to October 19th; held in bail for trial at Special Sessions. Called for trial October 25th, and plead guilty; sentence suspended.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark, M. Remington.

Chemist: J. F. Geisler.

CASE No. 1064.

Fifth District City Magistrate's Court, New York City.

Warrant issued October 6, 1897; answered to October 6th; adjourned for examination to October 12th; to October 15th; held for trial at Special Sessions. Called for pleading October 21st; adjourned for trial to October 25th; tried and acquitted.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark, J. Scrivilloni.

Chemist: E. G. Love.

CASE No. 1040.

Second District City Magistrate's Court, New York City.

Warrant issued October 1, 1897; answered to October 2d; held in bail for trial at Special Sessions. Called for trial October 7th; adjourned to October 13th; to October 25th; plead guilty; fined \$50.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark, G. Millano.

Chemist: E. G. Love.

CASE No. 1056.

Second District City Magistrate's Court, New York City.

Warrant issued October 1, 1897; answered to October 2d; held in bail for trial at Special Sessions. Called for pleading October 7th; adjourned to October 13th; to October 25th; plead guilty; sentence suspended.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark, L. Repetti.

Chemist: E. G. Love.

CASE No. 1363.

Second District City Magistrate's Court, New York City.

Warrant issued July 13, 1898; answered to July 15th; held in bail for trial at Special Sessions. Called for trial July 25th; plead guilty; sentence suspended.

Counsel: Fred A. Ware.

Witnesses: A. D. Clark, J. McGuire.

Chemist: E. G. Love.

CASE No. 1365.

Second District City Magistrate's Court, New York City.

Warrant issued June 25, 1898; answered to June 29th; held in bail for examination on June 30th; adjourned to July 5th; held for trial at Special Sessions. Called for pleading on July 11th; adjourned to July 25th; to July 29th; plead guilty; fined \$50.

Counsel: Tiffany & Brush.

Witnesses: J. McGuire, A. D. Clark, Henry Koehler.

Chemist: E. G. Love.

CASE No. 1080.*Supreme Court, New York County, N. Y.*

Civil Penalty action; summons and complaint served June 7, 1898; action discontinued June 27th, on payment of civil penalty of \$100 and costs.

Counsel: W. J. Griffin.

Witnesses: A. D. Clark, J. McGuire, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 932.*Second District City Magistrate's Court, New York City.*

Warrant issued July 14, 1898; answered to July 15th; held in bail for trial at Special Sessions; called for trial July 25th; adjourned without date.

Counsel: W. J. Griffin.

Witnesses: A. D. Clark, J. McGuire.

Chemist: E. G. Love.

CASE No. 1094.

Seventh District City Magistrate's Court, New York City.

Warrant issued June 28, 1898; answered to June 29th; adjourned to July 5th; to July 8th; to July 12th; held in bail for trial at Special Sessions.

Counsel: Fred A. Ware.

Witnesses: C. Sears, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 1091.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served June 7, 1898; action dismissed June 27th on payment of civil penalty of \$100 and costs.

Counsel: W. J. Griffin.

Witnesses: W. C. Patrick, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 1095.

Second District City Magistrate's Court, New York City.

Warrant issued July 14, 1898; answered to July 15th; held in bail for trial at Special Sessions; called for trial July 25th; plead guilty; sentence suspended.

Counsel: Fred. A. Ware.

Witnesses: J. McGuire, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 1083.

Second District City Magistrate's Court, New York City.

Warrant issued June 28, 1898; answered to June 29th; held in bail for trial at Special Sessions; called for pleading July 7th; plead guilty; fined \$50.

Counsel: Fred. A. Ware.

Witnesses: C. Sears, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 1061.

Justice Marsh's Police Court, Stapleton, S. I.

Warrant issued June 21, 1898; answered to June 29th; held in bail for trial at Special Sessions; called for trial July 21st; tried; convicted; sentence suspended.

Counsel: H. M. Heymann.

Witnesses: J. M. Esmay, A. D. Clark, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 1093.

Second District City Magistrate's Court, New York City.

Warrant issued June 27, 1898; answered to June 28th; held in bail for trial at Special Sessions; called for trial June 30th; plead guilty; sentence suspended.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark.

Chemist: E. G. Love.

CASE No. 1397.

Third District City Magistrate's Court, New York City.

Warrant issued October 17, 1897; answered to October 21st; case dismissed on examination.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, G. Sciolino.

Chemist: E. G. Love.

CASE No. 1407.

Second District City Magistrate's Court, New York City.

Warrant issued October 14, 1897; answered to October 15th; held in bail for trial at Special Sessions; called for pleading October 21st; adjourned to October 25th; plead guilty; sentence suspended.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, D. Mari.

Chemist: J. F. Geisler.

CASE No. 1398.

Second District City Magistrate's Court, New York City.

Warrant issued October 15, 1897; answered to October 15th; held in bail for trial at Special Sessions; called for pleading October 21st; adjourned for trial to October 25th; plead guilty; fined \$50.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, J. Corbo.

Chemist: J. F. Geisler.

CASE No. 1375.

Second District City Magistrate's Court, New York City.

Warrant issued October 15, 1897; answered to October 15th; held in bail for trial at Special Sessions; called for pleading October 21st; adjourned to October 25th; plead guilty; fined \$50.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, G. B. Deffarri.

Chemist: J. F. Geisler.

CASE No. 1066.

Fifth District City Magistrate's Court, New York City.

Warrant issued October 6, 1897; answered to October 6th; adjourned for examination to October 12th; to October 14th; held in bail for trial at Special Sessions; called for pleading October 21st; adjourned to October 25th; plead guilty; fined \$50.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, G. Rovitty.

Chemist: E. G. Love.

CASE No. 1411.

Second District City Magistrate's Court, New York City.

Warrant issued October 15, 1897; answered to October 15th; held in bail for trial at Special Sessions; called for pleading October 21st; adjourned for trial to October 25th; plead guilty; fined \$50.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, A. Germano.

Chemist: E. G. Love.

CASE No. 1414.

First District City Magistrate's Court, New York City.

Warrant issued October 5, 1897; answered to October 7th; plead guilty; fined \$50.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, M. Fusco.

Chemist: E. G. Love.

CASE No. 1062.

Fifth District City Magistrate's Court, New York City.

Warrant issued October 6, 1897; answered to October 12th; held in bail for trial at Special Sessions; called for pleading October 21st; adjourned for trial to October 25th; plead guilty; fined \$50.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, A. Marmo.

Chemist: E. G. Love.

CASE No. 1413.

Second District City Magistrate's Court, New York City.

Warrant issued October 1, 1897; answered to October 2d; held in bail for trial at Special Sessions; called for pleading October 7th; adjourned for trial October 13th; to October 25th; plead guilty; sentence suspended.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, F. Damico.

Chemist: E. G. Love.

CASE No. 1055.

First District City Magistrate's Court, New York City.

Warrant issued October 5, 1897; answered to October 7th; adjourned to October 8th; to October 11th for examination; to October 13th; case dismissed.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, V. Cerbo.

Chemist: E. G. Love.

CASE No. 1410.

Second District City Magistrate's Court, New York City.

Warrant issued October 1, 1897; answered to October 2d; held in bail for trial at Special Sessions; called for pleading October 7th; adjourned for trial October 13th; to October 25th; plead guilty; fined \$25.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, Raffele Lewis.

Chemist: J. F. Geisler.

CASE No. 1378.

Second District City Magistrate's Court, New York City.

Warrant issued October 1, 1897; answered to October 2d; held in bail for trial at Special Sessions; called for pleading October 7th; adjourned for trial to October 13th; to October 25th; plead guilty; fined \$50.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, J. McGuire, Francisco Lintrento.

Chemist: J. F. Geisler.

CASE No. 1047.

Fourth District City Magistrate's Court, New York City.

Warrant issued October 21, 1897; answered to October 22d; adjourned for examination to October 29th; case dismissed.

Counsel: H. M. Heyman.

Witnesses: J. McGuire, A. D. Clark, G. Fancieulli.

Chemist: J. F. Geisler.

The status of the following fifteen prosecutions for violation of the Agricultural Law relating to adulterated milk, was fully stated in the last annual report; the final disposition of thirteen of them and present status of the others is given in the annexed table:

The Status and Final Disposition of the Following Milk Cases, Previously Reported, is Given in the Following Table.

Case No.	Court.	Place.	Called for Trial.	Remarks.
4669	First District Civil.....	New York city.		Action discontinued on payment of penalty of \$15.
4670	Supreme.....	Brooklyn.		Awaiting trial.
4683	General Sessions.....	New York city.	February 9, 1898	Case dismissed.
4685	General Sessions.....	New York city.	December 28, 1897	Plead guilty. Sentence suspended.
4675	First District Civil.....	New York city.	October 28, 1897	Tried. Acquitted.
4684	Supreme.....	Brooklyn.	April 19, 1898	Action discontinued on payment of civil penalty of \$100 and costs.
4661	General Sessions.....	New York city.	December 24, 1897	Case dismissed.
781	General Sessions.....	New York city.	May 28, 1898	Plead guilty. Fined \$35.
1763	General Sessions.....	New York city.	May 28, 1898	Tried. Convicted. Fined \$100.
1748	General Sessions.....	New York city.		On calendar awaiting trial.
1951	General Sessions.....	New York city.	October 26, 1897	Case dismissed.
1986	General Sessions.....	New York city.		Case dismissed.
4656	General Sessions.....	New York city.	June 22, 1893	Plead guilty. Fined \$50.
4665	Supreme.....	New York city.	April 14, 1898	Case discontinued on payment of civil penalty of \$100.
4653	Supreme.....	Brooklyn.		Complaint withdrawn.

Prosecutions.

MILK.

The following statement represents prosecutions commenced during the year ending September 30, 1898, for violation of the Agricultural Law relating to the sale of adulterated milk:

CASE No. 4691.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served December 3, 1897; answered to December 20th, and placed on calendar for trial; called for trial February 1, 1898; adjourned to February 8th; to February 9th; to February 10th, and tried by jury; jury disagreed.

Counsel: H. M. Heymann.

Witnesses: C. Sears, J. McGuire.

Chemist: J. F. Geisler.

CASE No. 4692.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served October 18, 1897. Case discontinued on payment of civil penalty of \$100.

Counsel: W. J. Griffin.

Witnesses: W. C. Patrick, J. McGuire.

Chemist: E. G. Love.

CASE No. 4579.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 3, 1898. Action discontinued on payment of civil penalty of \$25 and costs.

Counsel: H. M. Heymann.

Witnesses: C. Sears, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 7606.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 15, 1898. Action discontinued September 15th on payment of civil penalty of \$100.

Counsel: H. M. Heymann.

Witnesses: C. Sears, W. J. Gentes.

Chemist: J. F. Geisler.

CASE No. 4640.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 29, 1898. Action discontinued September 29th on payment of civil penalty of \$25 and costs.

Counsel: Henry Marshall.

Witnesses: W. J. Gentes, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 4586.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served September 30, 1898; action discontinued September 30th on payment of civil penalty of \$25.

Counsel: W. J. Griffin.

Witnesses: J. M. Esmay, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 4693.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 22, 1898; action discontinued September 22d on payment of civil penalty of \$25 and costs.

Counsel: W. J. Griffin.

Witnesses: J. McGuire, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 4588.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 14, 1898; action discontinued on September 15th on payment of civil penalty of \$100.

Counsel: H. M. Heymann.

Witnesses: J. McGuire, A. D. Clark.

Chemist: J. F. Geisler.

CASE No. 4599.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 22, 1898; action discontinued September 22d on payment of civil penalty of \$50 and costs.

Counsel: L. Andrews.

Witnesses: C. Sears, J. McGuire.

Chemist: E. G. Love.

CASE No. 4594.

Fifth District City Magistrate's Court, New York City.

Warrant issued September 28, 1898; answered to September 29th; held in bail for trial at Special Sessions.

Counsel: C. G. Macy.

Witnesses: J. McGuire, A. D. Clark.

Chemist: E. G. Love.

CASE No. 4582.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 14, 1898; action discontinued on September 15th on payment of civil penalty of \$50 and costs.

Counsel: Henry Marshall.

Witnesses: J. McGuire, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 4592.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 15, 1898; action discontinued September 15th on payment of civil penalty of \$50 and costs.

Counsel: C. G. Macy.

Witnesses: A. D. Clark, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 4648.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 21, 1898; action discontinued September 22d on payment of civil penalty of \$25 and costs.

Counsel: Robt. Mazet.

Witnesses: W. C. Patrick, C. Sears.

Chemist: J. F. Geisler.

CASE No. 4583.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 27, 1898; action discontinued September 27th on payment of civil penalty of \$25 and costs.

Counsel: A. J. Perry.

Witnesses: C. Sears, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 4614.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served October 4, 1897; answered to October 25th and action placed on calendar for trial; case called December 9th and adjourned to December 15th; to December 16th; to December 20th; case tried and verdict rendered for plaintiff for \$100 and costs.

Counsel: W. J. Griffin.

Witnesses: J. T. Norton, W. C. Patrick.

Chemist: E. G. Love.

CASE No. 4608.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 21, 1898; awaiting trial.

Counsel: Robt. Mazet.

Witnesses: A. D. Clark, W. C. Patrick.

Chemist: J. F. Geisler.

CASE No. 4593.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 30, 1898; action discontinued on payment of civil penalty of \$25 and costs.

Counsel: Robt. Mazet.

Witnesses: A. D. Clark, J. M. Esmay.

Chemist: J. F. Geisler.

CASE No. 4641.

Supreme Court, Kings County, N. Y.

Civil penalty action; summons and complaint served September 14, 1898; action discontinued September 14th on payment of civil penalty of \$75.

Counsel: W. J. Griffin.

Witnesses: W. C. Patrick, C. Sears.

Chemist: J. F. Geisler.

CASE No. 4589.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 14, 1898; action discontinued September 14th on payment of civil penalty of \$100 and costs.

Counsel: H. M. Heymann.

Witnesses: A. D. Clark, C. Sears.

Chemist: J. F. Geisler.

CASE No. 4572.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 21, 1898; action discontinued September 21st on payment of civil penalty of \$25 and costs.

Counsel: H. M. Heymann.

Witnesses: J. M. Esmay, C. Sears.

Chemist: J. F. Geisler.

CASE No. 753.

Supreme Court, New York County, N. Y.

Civil penalty action; summons and complaint served September 23, 1898; action discontinued September 23d on payment of civil penalty of \$25 and costs.

Counsel: H. M. Heymann.

Witnesses: C. Sears, J. M. Esmay.

Chemist: J. F. Geisler.

Detailed Report of Work Performed.**OLEOMARGARINE.**

The following is a detailed report of the work performed by each employe of this division, between September 30, 1897, and October 1, 1898, in prosecuting violators of the law relating to the sale of oleomargarine:

Wellington C. Patrick, expert, employed in the above service 180 days:

Number of days in court	53
Number of days obtaining evidence	10
Number of days on special duty	19
Number of days inspecting stores and bakeries	80
Number of days visiting hotels, restaurants and board- ing-houses	18
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Total number of days	180
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Number of samples purchased and taken	357
Number of samples delivered to chemists	31
Number of evenings obtaining evidence	64
Number of complaints made	27
Number of appearances in cases	75
Number of stores and bakeries inspected	3,940
Number of hotels, restaurants and boarding-houses in- spected	681
Estimated number of miles traveled	3,763
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Jedediah M. Esmay, expert, employed in the above service 227 days:

Number of days in court	49
Number of days in obtaining evidence	20
Number of days on special duty	40

Number of days inspecting stores and bakeries	78
Number of days visiting hotels, restaurants and board- ing-houses	40

Total number of days	227
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Number of samples purchased and taken	348
Number of samples delivered to chemists	29
Number of evenings obtaining samples	20
Number of complaints made	20
Number of appearances in cases	75
Number of stores and bakeries inspected	1,250
Number of hotels, restaurants and boarding-houses in- spected	350
Estimated number of miles traveled	3,000

William J. Gentes, expert, employed in the above service 11 days:

Number of days obtaining evidence	1
Number of days on special duty	1
Number of days inspecting stores and bakeries	4
Number of days visiting hotels, restaurants and board- ing-houses	5

Total number of days	11
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Number of samples purchased and taken	8
Number of samples delivered to chemists	1
Number of stores and bakeries inspected	85
Number of hotels, restaurants and boarding-houses in- spected	75
Estimated number of miles traveled	400

Charles Sears, expert, employed in the above service 221 days:

Number of days in court	92
Number of days obtaining evidence	5
Number of days on special duty	5
Number of days inspecting stores and bakeries	82
Number of days visiting hotels, restaurants and board- ing-houses	37
Total number of days	<u>221</u>

Number of samples purchased and taken	346
Number of samples delivered to chemists	23
Number of evenings obtaining samples	25
Number of complaints made	28
Number of appearances in cases	190
Number of stores and bakeries inspected	3,870
Number of hotels, restaurants and boarding-houses in- spected	818
Estimated number of miles traveled	<u>9,825</u>

John McGuire, expert, employed in the above service 154 days:

Number of days in court	48
Number of days obtaining evidence	4
Number of days inspecting stores and bakeries	79
Number of days visiting hotels, restaurants and board- ing-houses	23
Total number of days	<u>154</u>

Number of samples purchased and taken	548
Number of samples delivered to chemists	23
Number of evenings obtaining samples	52
Number of complaints made	19
Number of appearances in cases	113

Number of stores and bakeries inspected.....	3,515
Number of hotels, restaurants and boarding-houses inspected	665
Estimated number of miles traveled	3,210

John T. Norton, expert, employed in the above service 112 days:

Number of days in court	50
Number of days obtaining evidence	10
Number of days on special duty	5
Number of days inspecting stores and bakeries	35
Number of days visiting hotels, restaurants and boarding-houses	12
Total number of days	112

Number of samples purchased and taken	229
Number of samples delivered to chemists	9
Number of evenings obtaining samples	18
Number of complaints made	9
Number of appearances in cases	66
Number of stores and bakeries inspected	1,290
Number of hotels, restaurants and boarding-houses inspected	280
Estimated number of miles traveled	1,870

Archibald D. Clark, expert, employed in the above service 150 days:

Number of days in court	36
Number of days obtaining evidence	6
Number of days on special duty	7
Number of days inspecting stores and bakeries	77
Number of days inspecting hotels, restaurants and boarding-houses	24
Total number of days	150

Number of samples purchased and taken	659
Number of samples delivered to chemists	26
Number of evenings obtaining samples	52
Number of complaints made	12
Number of appearances in cases	67
Number of stores and bakeries inspected	3,785
Number of hotels, restaurants and boarding-houses in- spected	676
Estimated number of miles traveled	3,180

Joseph F. Geisler, Ph. C., Chemist:

Number of analyses of oleomargarine and butter samples,	55
Number of appearances in cases	81
Number of days in court	45

Edward G. Love, Ph. C., Chemist:

Number of analyses of oleomargarine and butter samples,	73
Number of appearances in cases	117
Number of days in court	57

Total of Work Performed.

OLEOMARGARINE.

Number of days in court, experts and chemists	430
Number of days obtaining evidence	56
Number of days on special duty	77
Number of days inspecting stores and bakeries	435
Number of days visiting hotels, restaurants and board- ing-houses	179

Total number of days	1,157
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Number of samples purchased and taken	2,395
Number of samples delivered to chemists	142
Number of evenings obtaining samples	231
Number of complaints made	115
Number of appearances in cases	781
Number of stores and bakeries inspected	17,735
Number of hotels, restaurants and boarding-houses visited	4,245
Estimated number of miles traveled	24,248
Number of analyses of oleomargarine and butter samples,	128
Number of cases prosecuted, criminal	63
Number of civil penalty actions	38
Number of cases disposed of	93
Number of civil penalties imposed	35
Number of convictions	46
Number of acquittals	1
Number of cases dismissed on examination	2
Number of cases defendant absconded, criminal	8
Number of cases awaiting trial	8
Number of cases withdrawn	1

Detailed Report of Work Performed.

VINEGAR.

The following tables give a detailed report of work performed by each employe in this division of the Department, between September 30, 1897, and October 1, 1898, in enforcing the laws relating to the sale of adulterated vinegar:

Wellington C. Patrick, expert, employed in the above service 71 days:

Number of days in court	21
Number of days obtaining evidence	5
Number of days on special duty	4

Number of days inspecting stores	36
Number of days inspecting wholesale stores and manu- factories	5
Total number of days	71

Number of samples purchased and taken	6
Number of samples delivered to chemist	5
Number of appearances in cases	159
Number of complaints made	4
Number of wholesale stores and manufactories inspected.	29
Number of barrels and casks of vinegar inspected	1,005
Number of retail stores inspected	3,150
Number of barrels and kegs of vinegar inspected	3,372
Total number of inspections	4,512
Estimated number of miles traveled	2,570

Jedediah M. Esmay, expert, employed in the above service 17 days:

Number of days in court	3
Number of days obtaining evidence	2
Number of days inspecting stores	10
Number of days inspecting wholesale stores and manu- factories	2
Total number of days	17

Number of samples purchased and taken	2
Number of samples delivered to chemists	2
Number of appearances in cases	5
Number of complaints made	1
Number of wholesale stores and manufactories inspected,	3

Number of barrels and casks of vinegar inspected	325
Number of retail stores inspected	475
Number of barrels and kegs of vinegar inspected	820
Total number of inspections	1,145
Estimated number of miles traveled	750

William J. Gentes, expert, employed in the above service 4 days:

Number of days inspecting stores and manufactories . . .	4
Total number of days	4

Number of wholesale stores and manufactories inspected,	3
Number of barrels and casks of vinegar inspected	24
Number of retail stores inspected	80
Number of barrels and kegs of vinegar inspected	165
Total number of inspections	189
Estimated number of miles traveled	120

Charles Sears, expert, employed in the above service 29 days:

Number of days in court	12
Number of days obtaining evidence	3
Number of days on special duty	3
Number of days inspecting stores	6
Number of days inspecting wholesale stores and manu- factories	5
Total number of days	29

Number of samples purchased and taken	3
Number of samples delivered to chemist	3
Number of appearances in cases	17
Number of complaints made	3

Number of wholesale stores and manufactories inspected,	46
Number of barrels and casks of vinegar inspected	985
Number of retail stores inspected	320
Number of barrels and casks of vinegar inspected	605
Total number of inspections	1,590
Estimated number of miles traveled	1,075

John McGuire, expert, employed in the above service 88 days:

Number of days in court	43
Number of days obtaining evidence	3
Number of days on special duty	2
Number of days inspecting retail stores	35
Number of days inspection wholesale stores and manu- factories	5
Total number of days	88

Number of samples purchased and taken	4
Number of samples delivered to chemists	4
Number of appearances in cases	158
Number of complaints made	16
Number of wholesale stores and manufactories inspected,	27
Number of barrels and casks of vinegar inspected	940
Number of retail stores inspected	2,210
Number of barrels and kegs of vinegar inspected	3,405
Total number of inspections	4,345
Estimated number of miles traveled	2,320

John T. Norton, expert, employed in the above service 15 days:

Number of days in court	12
Number of days inspecting stores	2

Number of days inspecting wholesale stores and manufactories	1
Total number of days	15
Number of appearances in cases	17
Number of wholesale stores and manufactories inspected,	2
Number of barrels and casks of vinegar inspected	80
Number of retail stores inspected	160
Total number of inspections	240
Estimated number of miles traveled	335

Archibald D. Clark, expert, employed in the above service 93 days:

Number of days in court	40
Number of days obtaining evidence	5
Number of days on special duty	5
Number of days inspecting retail stores	40
Number of days inspecting wholesale stores and manufactories	3
Total number of days	93

Number of samples purchased and taken	5
Number of samples delivered to chemists	5
Number of appearances in cases	165
Number of complaints made	15
Number of wholesale stores and manufactories inspected	29
Number of barrels and casks of vinegar inspected	970
Number of retail stores inspected	2,270
Number of barrels and kegs of vinegar inspected	3,466
Total number of inspections	4,436
Estimated number of miles traveled	2,450

Joseph F. Geisler, Ph. C., chemist:

Number of analyses of vinegar samples.....	8
Number of appearances in cases.....	54
Number of days in court.....	16

Edward G. Love, Ph. C., chemist:

Number of analyses of vinegar samples.....	12
Number of appearances in cases.....	103
Number of days in court.....	32

Total of Work Performed.

VINEGAR.

Number of days in court, experts and chemists.....	179
Number of days obtaining evidence.....	18
Number of days on special duty.....	14
Number of days inspecting retail stores.....	132
Number of days inspecting wholesale stores and manu- factories	22

Total number of days.....	365
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Number of wholesale stores and manufactories inspected,	139
Number of retail stores inspected.....	8,507

Total number of wholesale stores, manufactories and retail stores inspected	8,646
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Number of barrels and casks of vinegar inspected in wholesale stores and manufactories.....	4,320
Number of barrels and kegs of vinegar inspected in retail stores.	11,993

Total number of casks, barrels and kegs of vinegar inspected.	16,313
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Number of samples purchased and taken.....	20
Number of samples delivered to chemist.....	20
Number of complaints made	39
Number of appearances in cases.....	678
Estimated number of miles traveled.....	9,620
Number of analyses of sample vinegar.....	20
Number of cases prosecuted	34
Number of cases dismissed on examination.....	3
Number of convictions	26
Number of acquittals	3
Number of cases awaiting trial.....	2
Number of cases disposed of.....	32

Detailed Report of Work Performed.

MILK.

The following tables give a detailed report of work performed by each employe in this division of the Department between September 30, 1897, and October 1, 1898, in enforcing the laws relating to the sale of adulterated milk:

Wellington C. Patrick, expert, employed in the above service 43 days:

Number of days in court.....	7
Number of days obtaining evidence.....	4
Number of days inspecting milk.....	29
Number of days on special duty.....	3
Total number of days.....	43

Number of dairies and creameries milk inspected on delivery from railroads and steamboats.....	1,460
Total cans of milk inspected.....	12,075
Total number of samples delivered to chemists.....	8
Total number of complaints made.....	7
Total number of appearances in cases.....	28
Estimated number of miles traveled.....	3,312

Jedediah M. Eamay, expert, employed in the above service 61 days:

Number of days in court.....	8
Number of days obtaining evidence.....	10
Number of days inspecting milk.....	40
Number of days on special duty.....	3
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Total number of days.....	61
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Number of dairies and creameries milk inspected on delivery from railroads and steamboats.....	1,485
Total cans of milk inspected.....	11,100
Total number of samples delivered to chemists.....	12
Total number of complaints made.....	5
Total number of appearances in cases.....	13
Estimated number of miles traveled.....	2,050
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William J. Gentes, expert, employed in the above service 10 days:

Number of days obtaining evidence.....	2
Number of days inspecting milk.....	8
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Total number of days.....	10
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Number of dairies and creameries milk inspected on delivery from railroads and steamboats.....	440
Total cans of milk inspected.....	4,100
Total number of samples delivered to chemists.....	4
Estimated number of miles traveled.....	350
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Charles Sears, expert, employed in the above service 56 days:

Number of days in court.....	8
Number of days obtaining evidence.....	5
Number of days inspecting milk.....	38
Number of days on special duty.....	5
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Total number of days.....	56
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Number of dairies and creameries milk inspected on delivery from railroads and steamboats.....	1,515
Total cans of milk inspected.....	11,990
Total number of samples delivered to chemists.....	10
Total number of complaints made.....	8
Total number of appearances in cases.....	32
Estimated number of miles traveled.....	2,825
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John McGuire, expert, employed in the above service 62 days:

Number of days in court.....	14
Number of days obtaining evidence.....	12
Number of days inspecting milk.....	35
Number of days on special duty.....	1
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Total number of days.....	62
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Number of dairies and creameries milk inspected on de- livery from railroads and steamboats.....	1,560
Total cans of milk inspected.....	12,170
Total number of samples delivered to chemists.....	10
Total number of complaints made.....	5
Total number of appearances in cases.....	15
Estimated number of miles traveled.....	1,790
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John T. Norton, expert, employed in the above service 34 days:

Number of days in court.....	30
Number of days obtaining evidence.....	2
Number of days inspecting milk.....	2
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Total number of days.....	34
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Number of dairies and creameries milk inspected on delivery from railroads and steamboats.....	45
Total cans of milk inspected.....	550
Total number of appearances in cases.....	30
Estimated number of miles traveled.....	700
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Archibald D. Clark, expert, employed in the above service 61 days:

Number of days in court.....	15
Number of days obtaining evidence.....	7
Number of days inspecting milk.....	35
Number of days on special duty.....	4
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Total number of days.....	61
	<hr/>

Number of dairies and creameries milk inspected on delivery from railroads and steamboats.....	1,546
Total cans of milk inspected.....	12,050
Total number of samples delivered to chemists.....	8
Total number of complaints made.....	4
Total number of appearances in cases.....	29
Estimated number of miles traveled.....	1,780
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Joseph F. Geisler, Ph. C., chemist:

Number of analyses of milk samples.....	38
Number of appearances in cases.....	39
Number of days in court.....	21
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Edward G. Love, Ph. C., chemist:

Number of analyses of milk samples.....	12
Number of appearances in cases.....	12
Number of days in court.....	10

TOTAL MILK.

Number of days in court.....	113
Number of days obtaining evidence.....	42
Number of days inspecting milk.....	187
Number of days on special duty.....	16

Total number of days.....	358
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Number of dairies and creameries milk inspected on delivery from railroads and steamboats.....	8,050
Total cans inspected.....	64,035
Number of samples delivered to chemists.....	52
Number of complaints made	29
Number of appearances in cases.....	198
Estimated number of miles traveled.....	12,756
Number of analyses of samples of milk.....	50
Number of cases prosecuted, criminal.....	1
Number of civil penalty actions.....	20
Number of civil penalties imposed.....	18
Number of cases awaiting trial.....	3
Number of cases disposed of.....	18

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources, for the Month of October, 1897.

RAILROADS.					Per cent. over each route.
	Cans crude milk.	Cans cream.	Cans condensed milk.	Daily aver- age cans milk, cream and con- densed milk.	
Erle.....	194,086	4,838	2,838	4,286	.180
New York Central and Harlem.....	60,644	577	1,194	2,011	.066
Ontario.....	118,486	4,506		3,806	.161
Susquehanna.....	57,743	1,920		1,920	.063
Northern.....	19,538			404	.017
West Shore.....	68,307	1,068	1,268	2,096	.063
New Haven.....	89,549	80		1,879	.064
Delaware, Lackawanna and Western.....	156,888	2,565		5,111	.217
Long Island.....	9,480			80	.008
New Jersey Central.....	10,116	281		334	.014
Homer Ramsdell Transportation Company.....	97,123	947		883	.063
Lehigh Valley.....	25,684	463		843	.063
Other sources.....	18,600			600	.025
Total cans.....	710,126	15,935	5,100		
Total cans crude milk.....					710,126
Total cans cream.....					15,935
Total cans unsweetened condensed milk.....					5,100
Total cans all kinds.....					781,161
Daily average crude milk, cans.....					22,907
Daily average cream, cans.....					515
Daily average unsweetened condensed milk, cans.....					194
Average price crude milk to producer, per quart.....					\$0.085
Average platform price per can, freight paid.....					\$1.93

Total cans crude milk	710,126
Total cans cream	15,935
Total cans unsweetened condensed milk	5,100
Total cans all kinds	721,161
Daily average crude milk, cans	28,977
Daily average cream, cans	515
Daily average unsweetened condensed milk, cans	194
Average price crude milk to producer, per quart	20.085
Average platform price per can, freight paid	\$1.26

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources, for the Month of November, 1897.

RAILROADS.		Cans crude milk.	Cans cream.	Cans condensed milk.	Daily average cans milk, cream and condensed milk.	Per cent. over each route.
Erie.....		116,068	4,324	1,788	4,069	.176
New York Central.....		68,890	544	1,658	2,149	.028
Ontario.....		108,453	3,770	.....	3,674	.158
Susquehanna.....		52,553	1,906	.....	1,798	.077
Northern.....		11,917	.....	.....	397	.017
West Shore.....		61,088	783	1,045	2,068	.069
New Haven.....		37,838	91	.....	1,944	.064
Delaware, Lackawanna and Western.....		122,815	2,916	.....	5,191	.028
Long Island.....		9,400	.....	.....	80	.013
New Jersey Central.....		9,160	.....	.....	305	.018
Home'r Ramsdell Transportation Company.....		24,978	864	.....	945	.487
Lehigh Valley.....		24,554	397	.....	890	.286
Other sources.....		18,000	.....	.....	600	.693
Total cans.....		679,543	14,965	4,486	.....	.....
Total cans crude milk..... 679,543						
Total cans cream..... 14,976						
Total cans unsweetened condensed milk..... 4,486						
Total cans, all kinds..... 698,944						
Daily average crude milk cans..... 22,631						
Daily average cream cans..... 475						
Daily average unsweetened condensed milk cans..... 148						
Average price crude milk to producer, per quart..... \$0.0828						
Average platform price per can, freight paid..... \$1.40						

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources, for the Month of December, 1897.

RAILROADS.	Cans crude milk.	Cans cream.	Cans condensed milk.	Daily average cans milk cream and condensed milk.	Per cent. over each route.
Erie.....	115,488	4,053	2,194	8,950	.173
New York Central and Harlem.....	71,087	795	1,485	9,366	.100
Ontario.....	59,714	4,155	.....	8,351	.146
Susquehanna.....	53,497	1,107	307	1,773	.077
Northern.....	19,874	.....	.....	740	.018
West Shore.....	70,879	675	765	3,407	.100
New Haven.....	39,835	115	.....	3,317	.056
Delaware, Lackawanna and Western.....	153,687	2,975	.....	5,064	.319
Long Island.....	2,480	.....	.....	80	.004
New Jersey Central.....	8,894	270	.....	298	.013
Home'r Ramsdell Transportation Co.....	9,835	418	.....	580	.036
Lehigh Valley.....	23,494	271	.....	707	.033
Other sources.....	18,000	.....	.....	600	.038
Total cans.....	695,374	14,864	4,751	.....	.....
Total cans crude milk.....	695,374	.....	.....	695,374	.....
Total cans cream.....	.....	14,864	.....	14,864	.....
Total cans unsweetened condensed milk.....	.....	.....	4,751	4,751	.....
Total cans all kinds.....	.....	.....	.....	714,989	.....
Daily average crude milk, cans.....	.....	.....	.....	22,421	.....
Daily average cream, cans.....	.....	.....	.....	460	.....
Daily average unsweetened condensed milk.....	.....	.....	.....	165	.....
Average price of crude milk to producer, per quart.....	.....	.....	.....	\$2.03	.....
Average platform price per can, freight paid.....	.....	.....	.....	\$1.46	.....

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources, for the Month of January, 1898.

RAILROADS.		Cans crude milk.	Cans cream.	Cans condensed milk.	Daily average cans milk, cream and condensed milk.	Per cent. over each route.
Erie .....	.....	133,082	3,807	2,911	4,284	.190
New York Central and Harlem .....	.....	74,785	869	1,066	2,475	.110
Ontario .....	.....	98,409	3,050	.....	3,278	.146
Susquehanna .....	.....	51,380	1,009	659	1,705	.076
Northern .....	.....	12,400	.....	.....	400	.018
West Shore .....	.....	61,915	677	1,386	2,062	.081
New Haven .....	.....	41,980	99	.....	1,864	.080
Delaware, Lackawanna and Western .....	.....	153,504	1,781	.....	5,009	.083
Long Island .....	.....	2,880	.....	.....	77	.008
New Jersey Central .....	.....	9,940	280	.....	807	.014
Home Ramsdell Transportation Co. ....	.....	4,800	800	.....	161	.007
Lehigh Valley .....	.....	23,949	170	.....	765	.035
Other sources .....	.....	18,800	.....	.....	600	.037
Total cans .....	.....	679,125	11,943	5,973	.....	.....

Total cans crude milk 679,125
 Total cans cream..... 11,943
 Total cans unsweetened condensed milk..... 5,973

Total cans all kinds..... 697,089

Daily average crude milk, cans..... 81,907
 Daily average cream, cans..... 385
 Daily average unsweetened condensed milk, cans..... 198
 Average price of crude milk to producer, per quart..... 80.0375
 Average platform price per can, freight paid..... \$1.24

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources, for the Month of February, 1898.

RAILROADS.					
Cans crude milk.	Cans cream.	Cans condensed milk.	Daily average cans milk, cream and condensed milk.	Per cent. over each route.	
Erie	119,376	3,879	2,740	4,486	193
New York Central and Harlem	65,518	895	1,080	2,407	103
Ontario	94,800	2,901	.....	8,474	143
Susquehanna	50,735	987	788	1,875	090
Northern	11,900	.....	.....	400	017
West Shore	57,517	948	1,194	2,180	090
New Haven	40,869	88	.....	1,445	068
Delaware, Lackawanna and Western	145,804	2,746	.....	5,905	297
Long Island	2,124	.....	.....	76	008
New Jersey Central	8,738	281	.....	839	014
Homestead Transportation Co.	8,664	.....	.....	121	006
Lehigh Valley	23,535	173	.....	611	084
Other sources	16,800	.....	.....	600	085
Total cans.	688,485	12,747	5,786	.....	.....
Total cans crude milk.					688,485
Total cans cream.					12,747
Total cans unsweetened condensed milk.					5,786
Total cans all kinds.					686,918
Daily average crude milk, cans.					22,801
Daily average cream, cans.					405
Daily average unsweetened condensed milk, cans.					205
Average price of crude milk to producer, per quart.					\$0.086
Average platform price per can, freight paid.					\$1.26

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources, for the Month of March, 1898.

RAILROADS.	Cans crude milk.	Cans cream.	Cans condensed milk.	Daily average cans milk, cream and condensed milk.	Per cent. over each route.
 Erie... 	187,046	3,970	3,130	4,387	.176
New York Central.....	69,573	856	976	2,387	.086
Ontario.....	110,250	3,884	.....	3,639	.150
Busquehanna.....	27,784	1,008	1,949	1,940	.079
Northern.....	12,463	.....	.....	403	.016
West Shore.....	63,853	1,685	1,621	2,163	.088
New Haven.....	43,066	98	.....	1,369	.056
Delaware, Lackawanna and Western.....	172,837	3,136	.....	5,673	.321
Long Island.....	2,340	.....	.....	76	.003
New Jersey Central.....	8,879	946	.....	294	.013
Home Ramsdell Transportation Company.....	26,253	787	.....	889	.084
Lehigh Valley.....	27,266	307	.....	888	.086
Other sources.....	18,600	.....	.....	600	.084
Total cans.....	788,366	15,760	7,068	.....	.....
Total cans crude milk.....	788,366	.....	.....	788,366	.....
Total cans cream.....	15,760	.....	.....	15,760	.....
Total cans unsweetened condensed milk.....	7,068	.....	.....	7,068	.....
Total cans all kinds.....	791,394	.....	.....	791,394	.....
Daily average crude milk, cans.....	23,819	.....	.....	23,819	.....
Daily average cream, cans.....	518	.....	.....	518	.....
Daily average unsweetened condensed milk, cans.....	238	.....	.....	238	.....
Average price of crude milk to producer, per quart.....	\$0.0237	.....	.....	\$0.0237	.....
Average platform price per can, freight paid.....	\$1.26	.....	.....	\$1.26	.....

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources, for the Month of April, 1898.

RAILROADS.				
Cans crude milk.	Cans cream.	Cans condensed milk.	Daily aver- age cans milk, cream and con- densed milk.	Per cent. over each route.
Erie.....	127,120	4,591	2,753	.185
New York Central and Harlem.....	93,647	715	670	.068
Ontario.....	111,916	4,980	.....	.134
Susquehanna.....	60,283	1,010	1,689	.161
Northern.....	14,231	.....	.....	.082
West Shore.....	63,868	2,433	1,553	.130
New Haven.....	23,781	90	.....	.063
Delaware, Lackawanna and Western.....	144,618	2,933	.....	.064
Long Island.....	2,100	.....	.....	.203
New Jersey Central.....	7,505	257	.....	.003
Homers Ramsdell Transportation Co.....	25,311	754	.....	.011
Lehigh Valley.....	27,073	527	.....	.024
Other sources.....	18,000	.....	.....	.039
Total cans.....	703,395	18,340	6,919	.036

Total cans crude milk.....	703,395
Total cans cream.....	18,340
Total cans unsweetened condensed milk.....	6,919
Total cans all kinds.....	728,654
Daily average crude milk, cans.....	23,446
Daily average cream, cans.....	611
Daily average unsweetened condensed milk, cans.....	281
Average price crude milk to producer, per quart.....	\$0.0235
Average platform price per can, freight paid.....	\$1.20

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources, for the Month of May, 1898.

RAILROADS.					
Cans crude milk.	Cans cream.	Cans condensed milk.	Daily average cans milk, cream and condensed milk.	Per cent. over each route.	
Erie.....	187,944	6,781	3,071	4,768	
New York Central and Harlem.....	68,904	714	353	2,096	
Ontario.....	118,098	7,555	.....	4,058
Susquehanna.....	68,695	1,884	2,670	2,182	
Northern.....	15,777	.....	.....	509
West Shore.....	65,884	3,095	1,311	2,397	
New Haven.....	42,556	59	.....	1,376
Delaware, Lackawanna and Western.....	163,818	4,998	.....	5,430
Long Island.....	9,335	.....	.....	75
New Jersey Central.....	7,871	339	.....	284
Homer Ramsdell Transportation Co.....	27,048	1,011	.....	905
Lehigh Valley.....	33,838	1,949	.....	1,101
Other sources.....	18,600	.....	.....	600
Total cans.....	759,338	27,619	7,403	.....
Total cans crude milk.....					759,338
Total cans cream.....					27,619
Total cans unsweetened condensed milk.....					7,403
Total cans all kinds.....					794,315
Daily average crude milk, cans.....					24,488
Daily average cream, cans.....					891
Daily average unsweetened condensed milk, cans.....					339
Average price crude milk to producer, per quart.....					\$0.0212
Average platform price per can, freight paid.....					\$1.16

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources, for the Month of June, 1898.

RAILROADS.				Cans crude milk.	Cans cream.	Cans condensed milk.	Daily average cans milk, cream and condensed milk.	Per cent. over each route.
Erie.....	145,918	8,997	8,111	5,944	192			
New York Central and Harlem.....	59,328	613	595	1,935	170			
Ontario.....	197,931	10,393	286	4,593	197			
Saratoga.....	57,460	1,893	2,563	2,393	183			
Utica.....	14,975	1,715	.....	1,563	189		
Northern.....	66,140	3,593	2,417	3,415	183			
West Shore.....	47,068	81	.....	1,873	197		
New Haven.....	160,000	5,000	.....	5,500	197		
Delaware, Lackawanna and Western.....	8,400	.....	.....	80	103	
Long Island.....	7,559	555	.....	397	101		
New Jersey Central.....	97,701	1,393	.....	1,997	180		
Holland Railroad.....	35,639	2,335	.....	1,393	197		
Lehigh Valley.....	18,000	1,000	193			
Other sources.....			
Total cans.....	776,498	36,160	8,316			
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Total cans crude milk.....	776,498							
Total cans cream.....	36,160							
Total cans unsweetened condensed milk.....	8,316							
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Total cans all kinds.....	860,969							
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Daily average crude milk, cans.....	36,593							
Daily average cream, cans.....	1,365							
Daily average unsweetened condensed milk, cans.....	377							
Average price crude milk to producer, per quart.....	\$0.073							
Average platform price per can, freight paid.....	\$1.00							

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources, for the Month of July, 1898.

RAILROADS				Cans crude milk.	Cans cream.	Cans condensed milk.	Daily average cans milk, cream and condensed milk.	Per cent over each route.
Erie .....	.....	.....	.....	189,321	7,898	8,188	4,849	.174
New York Central and Harlem .....	.....	.....	.....	48,810	580	664	1,006	.000
Ontario .....	.....	.....	.....	143,914	10,088	.....	4,966	.178
Susquehanna .....	.....	.....	.....	68,814	8,178	.....	8,148	.076
Northern .....	.....	.....	.....	13,416	1,788	.....	489	.017
West Shore .....	.....	.....	.....	68,881	4,018	8,817	9,487	.087
New Haven .....	.....	.....	.....	40,966	188	.....	1,887	.047
Delaware .....	.....	.....	.....	810,607	7,740	.....	7,046	.888
Long Island .....	.....	.....	.....	9,480	.....	.....	80	.008
New Jersey Central .....	.....	.....	.....	7,108	168	.....	884	.008
Homer Ramsdell Transportation Co. ....	.....	.....	.....	87,704	614	.....	914	.088
Lehigh Valley .....	.....	.....	.....	86,978	8,908	.....	1,864	.044
Other sources .....	.....	.....	.....	18,000	.....	.....	600	.081
Total cans.....	.....	.....	.....	819,964	88,907	7,014	.....	.....
Total cans crude milk.....				819,964	.....		
Total cans cream.....				88,907	.....		
Total cans unsweetened condensed milk.....				7,014	.....		
Total cans all kinds.....				895,885	.....		
Daily average crude milk, cans				26,450	.....		
Daily average cream, cans				1,808	.....		
Daily average unsweetened condensed milk, cans				236	.....		
Average price crude milk to producer, per quart.....				\$0.08	.....		
Average platform price per can, freight paid.....				\$1.60	.....		

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources for the month of August, 1898.

RAILROADS.		Cans crude milk.	Cans cream.	Cans condensed milk.	Daily aver- age cans milk, cream and con- densed milk.	Per cent over each route.
Erie.....		134,488	7,108	8,301	4,670	.177
New York Central and Harlem.....		88,891	811	1,116	1,801	.049
Ontario.....		136,254	7,696		4,643	.178
Susquehanna.....		59,675	1,617	1,611	2,986	.078
Northern.....		11,757	1,553		430	.016
West Shore.....		66,711	8,981	9,590	2,364	.000
New Haven.....		87,063	136		1,200	.045
Delaware, Lackawanna and Western.....		202,054	7,172		6,749	.255
Long Island.....		1,880			45	.002
New Jersey Central.....		6,780	186		225	.009
Homer Ramsdell Transportation Co.....		25,391	550		887	.032
Lehigh Valley.....		33,001	2,881		1,317	.050
Other sources.....		18,600			900	.023
Total cans.....		777,044	33,968	8,518		
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Total cans crude milk.....		777,044			777,044	
Total cans cream.....			33,968		33,968	
Total cans unsweetened condensed milk.....				8,518	8,518	
Total cans all kinds.....					819,530	
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Daily average crude milk cans.....					25,096	
Daily average cream cans.....					1,054	
Daily average unsweetened condensed milk cans.....					275	
Average price crude milk to producer, per quart.....					\$0.0325	
Average platform price per can, freight paid.....					\$1.20	

Receipts of Crude Milk, Unsweetened Condensed Milk and Cream in New York by the Railroads and other sources, for the Month of September, 1898.

RAILROADS.					Cans crude milk.	Cans cream.	Cans condensed milk.	Daily average cans milk, cream and condensed milk.	Per cent over each route.
Erie					190,895	5,590	9,683	4,690	.178
New York Central and Harlem					44,465	7,415	1,490	1,545	.068
Ontario					159,263	7,871	.....	4,554	.171
Susquehanna					60,660	1,823	1,119	2,104	.079
Northern					13,626	.....	.....	431	.016
West Shore					68,541	2,849	9,144	2,451	.068
New Haven					38,109	55	.....	1,273	.047
New York					188,973	5,986	.....	6,497	.345
Delaware					1,890	.....	.....	46	.008
Long Island					7,000	170	.....	289	.009
New Jersey Central					24,563	598	.....	888	.031
Homer Ramsdell Transportation Co.					37,453	1,953	.....	1,814	.060
Lehigh Valley					18,000	.....	.....	900	.038
Other sources .....					.....	.....	.....	.....	.....
Total cans					761,457	36,909	7,436	.....	.....
Total cans crude milk									761,457
Total cans cream									36,909
Total cans unsweetened condensed milk									7,436
Total cans all kinds									765,099
Daily average crude milk, cans									26,381
Daily average cream, cans									874
Daily average unsweetened condensed milk, cans									248
Average price crude milk to producer, per quart									\$0.0945
Average platform price per can, freight paid									\$1.40

The status of the following five prosecutions for violation of the Agricultural Law, relating to oleomargarine, was fully reported in the last annual report; the final disposition of four and present status of the others is given in the annexed table:

Case No.	COURT.	Place.	Called for trial.	Remarks.
1916..	General Sessions.....	New York city...	.....	Awaiting trial.
1976..	Special Sessions.....	Brooklyn.....	Oct. 8, 1897	Plead guilty; sentence suspended.
1908..	General Sessions.....	New York city...	Oct. 8, 1897	Case dismissed.
1976..	District Civil.....	New York city...	Oct. 16, 1897	Case discontinued on payment of civil penalty of \$100.
1971..	General Sessions.....	New York city...	Oct. 16, 1897	Case dismissed.

In conclusion I wish to express my thanks to the various persons who so kindly helped me in making up this report and compiling the statistics used in same.

Very respectfully,

FREDERICK J. H. KRACKE,

Assistant Commissioner.

Report of Henry S. Ambler.

Hon. CHARLES A. WIETING, *Commissioner of Agriculture:*

Dear Sir.—I respectfully submit the annual report of the work done in the third division of the State Department of Agriculture for the year ending September 30, 1898.

Milk.

The number of cans of milk inspected was.....	68,809
The number found to be adulterated was.....	60
During the year ending September 30, 1897, the number of cans of milk inspected was.....	51,508
The number found to be adulterated was.....	175

Vinegar and Oleomargarine.

The number of stores and restaurants examined, looking for oleomargarine and adulterated vinegar was.....	1,347
The total number of cases of adulterated vinegar found was	25
During the previous year the number of stores and restau- rants examined was.....	900
The number of adulterations found was.....	105
The number of samples of oleomargarine taken was....	7

Four of the samples were taken at institutions, two of them from stores and one from a boarding-house.

We have inspected 451 creameries and milk stations. There has been a great improvement in the sanitary condition of many of the creameries during the past year. The efficient work of Dr. Haines,

your sanitary inspector, has had a salutary effect on those creamery-men who have heretofore been careless and negligent in regard to sanitary conditions.

We have inspected sixty-six cow stables; found them generally in good condition, and complying with the law. We have also inspected 2,371 cows. The principal disease found was tuberculosis. There has been no serious outbreak of any disease among the dairy cattle in this division during the past year. There have been a number of cases of swine plague, but by prompt action in quarantining and treating the disease it was prevented from spreading and was soon stamped out in every case.

We have taken a number of samples of maple syrup, linseed oil and Paris green, and delivered the same to Dr. E. J. Wheeler, chemist of the Department, for analyses.

At the time when the law in regard to "bob veal" went into effect there was a large number of "bobs" being shipped, each week, from Orange, Delaware and Sullivan counties. The smaller ones were packed in boxes or barrels and the larger ones hog-dressed. This was continued for a short time, but when the shippers realized that you were enforcing the law they stopped shipping dressed "bobs," and sent them alive, consigned to butchers in Jersey City, the law not prohibiting the shipping of live "bobs."

Detailed Report of Work Performed.

The following is a detailed report of the work performed by the agents in this division of the Department from October 1, 1897, to September 30, 1898:

REPORT OF R. H. PALMER.

Number of days in court.....	10
Number of days inspecting milk.....	200
Number of days inspecting herds.....	10
Number of days inspecting stores for oleomargarine and vinegar	20

Number of days obtaining evidence.....	12
Number of days on special duty.....	20
Total number of days.....	272

Number of creameries inspected	42
Number of butter creameries inspected.....	12
Number of stables inspected	40
Number of cows inspected	1,700
Number of creamerymen's milk inspected on delivery at boat and railroad depots.....	186
Number of dairymen's milk inspected on delivery at boat and railroad depots.....	1,600
Number cans creamerymen's milk inspected.....	14,000
Number cans dairymen's milk inspected.....	10,000
Total number of cans.....	24,000

Total number samples delivered to chemist.....	29
Number of complaints made.....	17
Estimated number of miles traveled.....	30,000

REPORT OF WALTER J. BENNETT.

Number of days in court.....	30
Number of days inspecting milk.....	161
Number of days inspecting herds.....	10
Number of days obtaining evidence.....	4
Number of days inspecting vinegar.....	13
Number of days inspecting butter.....	12
Number of days on special duty.....	80
Total number of days.....	310

Number creameries inspected	92
Number butter creameries inspected.....	7
Number cheese factories inspected.....	4
Number stables inspected	11
Number cows inspected	470
Number milk peddlers inspected.....	416
Number stores inspected	453
Number restaurants inspected	59
Number milk condenseries inspected.....	7
Number creameries inspected, as to their sanitary condition	5
Number creamerymen's milk inspected on delivery at railroad stations	67
Number dairymen's milk inspected on delivery at creameries and railroad stations.....	3,006
Number dairymen's milk inspected on delivery at butter and cheese factories.....	117
Number dairymen's milk inspected on delivery at condenseries	208
Number dairies inspected in taking herd samples of milk	7
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Number cans creamerymen's milk inspected on delivery at railroad stations.....	2,709
Number cans dairymen's milk inspected on delivery at creameries and railroad stations.....	10,935
Number cans peddlers' milk inspected.....	1,109
Number cans milk inspected, stores.....	237
Number cans milk inspected taking herd samples at dairy	43
Number cans dairymen's milk inspected on delivery at butter and cheese factories.....	300
Number cans dairymen's milk inspected on delivery at condenseries	416
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Total number of cans.....	15,749
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Number cases bottled milk inspected.....	1,005
Number tubs of butter inspected.....	1,273
Number barrels of vinegar inspected.....	431
Number samples of milk delivered to chemist.....	35
Number herd samples milk delivered to chemist.....	7
Number samples of vinegar delivered to chemist.....	10
Number samples of oleomargarine delivered to chemist..	5
Estimated number of miles traveled.....	16,645

REPORT OF M. DUGAN.

Number days in court	18
Number days inspecting milk	170
Number days inspecting herds	11
Number days obtaining evidence	8
Number days inspecting stores for oleomargarine and vinegar	10
Number days on special duty.....	17

Total number of days..... 234

Number of creameries inspected	134
Number of condenseries inspected	3
Number of butter creameries inspected.....	1
Number of cheese factories inspected.....	4
Number of milk peddlers inspected.....	264
Number of stores inspected	148
Number of stables inspected	8
Number of cows inspected	104
Number of creamerymen's milk inspected	16
Number of dairymen's milk inspected on delivery at rail- road depots and creameries.....	2,299

Number of dairymen's milk inspected on delivery at butter creameries	23
Number of dairymen's milk inspected on delivery at cheese factories	85

Number cans creamerymen's milk inspected.....	762
Number cans dairymen's milk inspected.....	7,510
Number cans dairymen's milk inspected on delivery at butter creameries	84
Number cans dairymen's milk inspected on delivery at cheese factories	550
Number cans peddlers' milk inspected.....	850
Number cans store milk inspected.....	87
Total number of cans.....	9,843

Number packages butter inspected.....	357
Number cases bottled milk inspected.....	807
Number of boarding-houses inspected for oleomargarine	24
Number barrels of vinegar inspected.....	162
Number samples taken	44
Number appearances in cases.....	8
Estimated number of miles traveled.....	7,507

REPORT OF FRED. C. SLAUGHTER.

Number days in court.....	11
Number days inspecting milk, vinegar and butter.....	251
Number days on special duty.....	20
Total number of days.....	282

Number of creameries inspected	164
Number of milk peddlers inspected.....	261
Number stores inspected for milk, butter and vinegar...	369
Number creamerymen's milk inspected on delivery at boats and railroad stations.....	18
Number dairymen's milk inspected at creameries.....	3,201
Number dairymen's milk inspected at railroad stations..	76
Number of boarding-houses and restaurants inspected....	156
Number vinegar manufactories inspected.....	1
Number milk condenseries inspected.....	3
Number stables inspected	4
Number dairymen visited for herd samples.....	18
Number cans dairymen's milk inspected as delivered at creameries	11,170
Number cans dairymen's milk inspected at railroad sta- tions and boat landings.....	367
Number cases dairymen's milk inspected.....	78
Number cans creamerymen's milk inspected.....	546
Number cases creamerymen's milk inspected.....	581
Number cans peddlers' milk inspected.....	723
Number cases peddlers' milk inspected.....	568
Total cans milk inspected.....	12,806
Total cases milk inspected.....	1,227
Total tubs butter inspected.....	1,328
Total barrels vinegar inspected.....	1,046
Number samples milk delivered to chemist.....	39
In addition to above, witnessed taking of samples from creamerymen	14
Number herd samples taken.....	16
Number farmers refusing to allow herd samples to be taken	2
Number samples vinegar delivered to chemist.....	21
Number samples oleomargarine taken	2
Estimated number miles traveled.....	11,320

REPORT OF JOHN T. NORTON.

July 20th to September 30th, 1898.

Number days inspecting milk	33
Number days inspecting herds	1
Number days on special duty.....	23
	<hr/>
	57
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MILK.

Number dairymen's milk inspected on delivery at cream- eries and railroad stations.....	664
Number of cans inspected	1,897
Number of peddlers' milk inspected.....	62
Number of cans peddlers' milk inspected.....	255
Number cans milk inspected	2,152
Number stables inspected	3
Number cows inspected	97
Samples delivered to chemist.....	4
Estimated number of miles traveled.....	2,190
	<hr/> <hr/>

VINEGAR.

Number days inspecting stores	4
Number of stores inspected.....	82
Number of inspections made.....	97
Samples delivered to chemist.....	6
Miles traveled inspecting vinegar.....	195
	<hr/> <hr/>

OLEOMARGARINE.

Days inspecting stores.....	1
Number of stores inspected.....	78
Hotels, restaurants and boarding-houses inspected.....	61
Number tubs of butter inspected.....	285
Estimated number of miles traveled.....	172
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REPORT OF MARVIN S. RIVENBURG.

Number of days inspecting milk.....	24
Number of days on special duty, getting evidence and travelling	26
Number of days inspecting herds.....	4
Number of creameries inspected	20
Number of condenseries inspected	1
Number of milk peddlers inspected.....	21
Number of cans dairymen's milk inspected at creameries and railroad depots.....	1,968
Number of days inspecting "bob" veal	23
Number of reports made against shippers and dealers...	8
Number of cans of peddlers' milk inspected.....	63
Number of days taking samples of maple syrup.....	4
Number of days taking samples of linseed oil.....	1
Number of days subpoenaing witnesses.....	3
Number of stables inspected	4
Number of stores inspected for vinegar.....	29
Total number of days.....	85
Estimated number of miles traveled.....	5,500

Prosecutions.

The following statement shows the prosecutions for violations of the Agricultural Law in the third division for the year ending September 30, 1898:

MILK.

CASE No. 5768.

Supreme Court, Dutchess County, N. Y.

Summons and complaint served.

Counsel: ———.

Witnesses: F. C. Slaughter, H. S. Ambler.

Chemist: E. J. Wheeler.

CASE No. 5770.

Supreme Court, Westchester County, N. Y.

Summons and complaint served.

Counsel: H. W. Alden.

Witnesses: M. Dugan, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case discontinued upon payment of \$25 and costs.

CASE No. 4938.

Supreme Court, Putnam County, N. Y.

Summons and complaint served.

Counsel: H. W. Alden.

Witnesses: W. J. Bennett, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case discontinued, without costs to either party.

CASE No. 5767.

Supreme Court, Dutchess County, N. Y.

Summons and complaint served.

Counsel: H. W. Alden.

Witnesses F. C. Slaughter, M. Dugan.

Chemist: E. J. Wheeler.

Case discontinued upon payment of \$25 costs.

CASE No. 5756.

Supreme Court, Orange County, N. Y.

Summons and complaint served.

Counsel: Henry Van Hoesen.

Witnesses: M. Dugan, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case settled, the defendant paying the costs of the action.

CASE No. 2891.

Supreme Court, Orange County, N. Y.

Summons and complaint issued.

Counsel: P. Edgar Ackert.

Witnesses: R. H. Palmer, William Lax.

Chemist: E. J. Wheeler.

Case settled on payment of \$25 and costs.

CASE No. 2892.

Supreme Court, Orange County, N. Y.

Summons and complaint not served.

Counsel: Henry Van Hoesen.

Witnesses: R. H. Palmer, William Lax.

Chemist: E. J. Wheeler.

Party sued moved from State; papers not yet served.

CASE No. 2889.

Supreme Court, Orange County, N. Y.

Summons and complaint issued.

Counsel: Henry Van Hoesen.

Witnesses: R. H. Palmer, William Lax.

Chemist: E. J. Wheeler.

Case discontinued on defendant paying \$10 costs, party sued not being the proper party.

CASE No. 5774.

Supreme Court, Orange County, N. Y.

Summons and complaint served.

Counsel: P. Edgar Ackert.

Witnesses: F. C. Slaughter, D. N. Howard.

Chemist: E. J. Wheeler.

Case settled on payment of \$50 and costs.

CASE No. 5775.

Supreme Court, Orange County, N. Y.

Summons and complaint issued.

Counsel: P. Edgar Ackert.

Witnesses: F. C. Slaughter, D. N. Howard.

Chemist: E. J. Wheeler.

Case settled on payment of \$50 and costs.

CASE No. 2885.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: ———.

Witnesses: R. H. Palmer, W. J. Bennett.

Chemist: E. J. Wheeler.

CASE No. 2886.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: ———.

Witnesses: W. J. Bennett, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 4939.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: ———.

Witnesses: W. J. Bennett, R. H. Palmer, F. C. Slaughter.

Chemist: E. J. Wheeler.

CASE No. 4940.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: ———.

Witnesses: W. J. Bennett, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 4941.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: ———.

Witnesses: W. J. Bennett, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 4942.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: ———.

Witnesses: W. J. Bennett, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 4943.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: _____.

Witnesses: W J. Bennett, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 4944.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: _____.

Witnesses: W J. Bennett, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 4945.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: _____.

Witnesses: W J. Bennett, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 4946.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: _____.

Witnesses: W J. Bennett, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 4947

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: ———.

Witnesses: W. J. Bennett, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 4948.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: ———.

Witnesses: W. J. Bennett, M. Dugan, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 4949.

Supreme Court, Orange County, N. Y.

Summons and complaint.

Counsel: ———.

Witnesses: M. Dugan, W. J. Bennett, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 5021.

Supreme Court, Westchester County, N. Y.

Summons and complaint issued.

Counsel: S. W. Smith.

Witnesses: W. J. Bennett, H. S. Ambler.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 5777.

Supreme Court, Orange County, N. Y.

Summons and complaint served.

Counsel: S. W. Smith.

Witnesses: F. C. Slaughter, S. W. Eagen.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 5778.*Supreme Court, Orange County, N. Y.*

Summons and complaint served.

Counsel: S. W. Smith.

Witnesses: F. C. Slaughter, D. H. Thompson, Jr.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 5779.*Supreme Court, Ulster County, N. Y.*

Summons and complaint issued.

Counsel: D. B. Deyo.

Witnesses: F. C. Slaughter, Jos. Terwilligher.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 5780.*Supreme Court, Ulster County, N. Y.*

Summons and complaint issued.

Counsel: D. B. Deyo.

Witnesses: F. C. Slaughter, Jos. Terwilligher.

Chemist: Edward J. Wheeler.

Case pending September 30, 1898.

CASE No. 5783.

Supreme Court, Dutchess County, N. Y.

Summons and complaint served.

Counsel: S. W. Smith.

Witnesses: F. C. Slaughter, A. J. Miner.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 5001.

Supreme Court, Delaware County, N. Y.

Summons and complaint issued.

Counsel: L. W. Baxter.

Witnesses: R. H. Palmer, Ernest Perry.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 5786.

Supreme Court, Orange County, N. Y.

Summons and complaint issued.

Counsel: H. B. Fullerton.

Witnesses: F. C. Slaughter, Jno. W. Wall.

Chemist: E. J. Wheeler.

Case discontinued without costs.

CASE No. 5002.

Supreme Court, Delaware County, N. Y.

Summons and complaint issued.

Counsel: L. W. Baxter.

Witnesses: R. H. Palmer, C. P. Cole.

Chemist: E. J. Wheeler.

Case settled on payment of \$15 and costs.

CASE No. 5787.*Supreme Court, Orange County, N. Y.*

Summons and complaint issued.

Counsel: H. B. Fullerton.

Witnesses: F. C. Slaughter, N. C. Deighton.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 5788.*Supreme Court, Orange County, N. Y.*

Summons and complaint served.

Counsel: H. B. Fullerton.

Witnesses: F. C. Slaughter, N. C. Deighton.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2928.*Supreme Court, Dutchess County, N. Y.*

Summons and complaint issued.

Counsel: S. W. Smith.

Witnesses: W. J. Bennett, M. Dugan.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 3929.

Supreme Court, Dutchess County, N. Y.

Summons and complaint issued.

Counsel: S. W. Smith.

Witnesses: W. J. Bennett, M. Dugan.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 5789.

Supreme Court, Orange County, N. Y.

Summons and complaint issued.

Counsel: H. B. Fullerton.

Witnesses: F. C. Slaughter, Theo. Robertson.

Chemist: E. J. Wheeler.

Case settled on payment of costs.

CASE No. 5790.

Supreme Court, Orange County, N. Y.

Summons and complaint issued.

Counsel: H. B. Fullerton.

Witnesses: F. C. Slaughter, Theo. Robertson.

Chemist: E. J. Wheeler.

Case settled by payment of costs.

CASE No. 5023.

Supreme Court, Orange County, N. Y.

Summons and complaint issued.

Counsel: H. B. Fullerton.

Witnesses: W. J. Bennett, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case settled on payment of \$25 and costs.

CASE No. 2930.

Supreme Court, Ulster County, N. Y.

Summons and complaint issued.

Counsel: Daniel B. Deyo.

Witnesses: M. Dugan, W. J. Bennett.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 5024.

Supreme Court, Orange County, N. Y.

Summons and complaint issued.

Counsel: H. B. Fullerton.

Witnesses: W. J. Bennett, F. C. Slaughter.

Chemist E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 4571.

Supreme Court, Westchester County, N. Y.

Summons and complaint issued.

Counsel: Henry Van Hoesen.

Witnesses: W. J. Bennett, J. T. Norton.

Chemist: E. J. Wheeler.

CASE No. 5328.

September 30, 1898. Not yet assigned.

Witnesses: M. Dugan, F. C. Slaughter.

Chemist: E. J. Wheeler.

CASE No. 5026.

September 30, 1898. Not yet assigned.

Witnesses: W. J. Bennett, J. T. Norton.

Chemist: E. J. Wheeler.

CASE No. 2936.

September 30, 1898. Not yet assigned.

Witnesses: M. Dugan, F. C. Slaughter.

Chemist: E. J. Wheeler.

CASE No. 5019.

September 30, 1898. Not yet assigned.

Witnesses: R. H. Palmer, H. S. Ambler.

Chemist: E. J. Wheeler.

CASE No. 2937.

September 30, 1898. Not yet assigned.

Witnesses: J. T. Norton, M. Dugan.

Chemist: E. J. Wheeler.

CASE No. 5799.

September 30, 1898. Not yet assigned.

Witnesses: F. C. Slaughter, W. J. Bennett.

Chemist: E. J. Wheeler.

CASE No. 5007.

September 30, 1898. Not yet assigned.

Witnesses: M. Dugan, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 5032.

September 30, 1898. Not yet assigned.

Witnesses: W. J. Bennett, M. Dugan.

Chemist: E. J. Wheeler.

CASE No. 5800.

September 30, 1898. Not yet assigned.

Witnesses: F. C. Slaughter, D. H. Dewitt.

Chemist: E. J. Wheeler.

CASE No. 5008.

September 30, 1898. Not yet assigned.

Witnesses: R. H. Palmer, M. S. Rivenburg.

Chemist: E. J. Wheeler.

CASE No. 6458.

September 30, 1898. Not yet assigned.

Witnesses: F. C. Slaughter, R. H. Palmer.

Chemist: E. J. Wheeler.

CASE No. 6459.

September 30, 1898. Not yet assigned.

Witnesses: R. H. Palmer, F. C. Slaughter.

Chemist: E. J. Wheeler.

CASE No. 5011.

September 30, 1898. Not yet assigned.

Witnesses: R. H. Palmer, M. S. Rivenburg.

Chemist: E. J. Wheeler.

CASE No. 6454.

September 30, 1898. Not yet assigned.

Witnesses: R. H. Palmer, F. C. Slaughter.

Chemist: E. J. Wheeler.

CASE No. 6457.

September 30, 1898. Not yet assigned.

Witnesses: M. Dugan, F. C. Slaughter.

Chemist: E. J. Wheeler.

CASE No. 6455.

September 30, 1898. Not yet assigned.

Witnesses: F. C. Slaughter, M. Dugan.

Chemist: E. J. Wheeler.

CASE No. 6453.

September 30, 1898. Not yet assigned.

Witnesses: M. Dugan, F. C. Slaughter.

Chemist: E. J. Wheeler.

VINEGAR.

CASE No. 1848.

Supreme Court, Westchester County, N. Y.

Summons and complaint issued.

Counsel: Henry Van Hoesen.

Witnesses: W. J. Bennett, M. Dugan.

Chemist: E. J. Wheeler.

CASE No. 2100.

Supreme Court, Ulster County, N. Y.

Summons and complaint served.

Counsel: D. B. Deyo.

Witnesses: F. C. Slaughter, R. H. Palmer.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2099.

Supreme Court, Ulster County, N. Y.

Summons and complaint served.

Counsel: D. B. Deyo.

Witnesses: F. C. Slaughter, R. H. Palmer.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 1857.

Supreme Court, Ulster County, N. Y.

Summons and complaint issued.

Counsel: D. B. Deyo.

Witnesses: R. H. Palmer, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 1850.

Supreme Court, Westchester County, N. Y.

Summons and complaint issued.

Counsel: Henry Van Hoesen.

Witnesses: W. J. Bennett, H. S. Ambler.

Chemist: E. J. Wheeler.

CASE No. 1849.

Supreme Court, Westchester County, N. Y.

Summons and complaint issued.

Counsel: Henry Van Hoesen.

Witnesses: W. J. Bennett, H. S. Ambler.

Chemist: E. J. Wheeler.

CASE No. 613.

Supreme Court, Putnam County, N. Y.

Summons and complaint served.

Counsel: Henry Van Hoesen.

Witnesses: W. J. Bennett, H. S. Ambler.

Chemist: E. J. Wheeler.

CASE No. 2056.*Supreme Court, Dutchess County, N. Y.*

Summons and complaint issued.

Counsel: Henry Van Hoesen.

Witnesses: F. C. Slaughter, R. H. Palmer.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2057.*Supreme Court, Dutchess County, N. Y.*

Summons and complaint served.

Counsel: S. W. Smith.

Witnesses: R. H. Palmer, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2055.*Supreme Court, Dutchess County, N. Y.*

Summons and complaint issued.

Counsel: S. W. Smith.

Witnesses: F. C. Slaughter, R. H. Palmer.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2059.

Supreme Court, Dutchess County, N. Y.

Summons and complaint issued.

Counsel: S. W. Smith.

Witnesses: R. H. Palmer, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2062.

Supreme Court, Orange County, N. Y.

Summons and complaint issued.

Counsel: S. W. Smith.

Witnesses: R. H. Palmer, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2092.

Supreme Court, Orange County, N. Y.

Summons and complaint served.

Counsel: S. W. Smith.

Witnesses: F. C. Slaughter, R. H. Palmer.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2061.

Supreme Court, Orange County, N. Y.

Summons and complaint issued.

Counsel: S. W. Smith.

Witnesses: R. H. Palmer, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2060.

Supreme Court, Ulster County, N. Y.

Summons and complaint issued.

Counsel: S. W. Smith.

Witnesses: F. C. Slaughter, R. H. Palmer.

Chemist: E. J. Wheeler.

Case pending, September 30, 1898.

CASE No. 2095.*Supreme Court, Orange County, N. Y.*

Summons and complaint issued.

Counsel: S. W. Smith.

Witnesses: R. H. Palmer, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2094.*Supreme Court, Orange County, N. Y.*

Summons and complaint issued.

Counsel: S. W. Smith.

Witnesses: F. C. Slaughter, R. H. Palmer.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2093.*Supreme Court, Orange County, N. Y.*

Summons and complaint served.

Counsel: S. W. Smith.

Witnesses: F. C. Slaughter, R. H. Palmer.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2064.

September 30, 1898. Not yet assigned.

Witnesses: W. J. Bennett, F. C. Slaughter.

Chemist: E. J. Wheeler.

CASE No. 2065.

September 30, 1898. Not yet assigned.

Witnesses: W. J. Bennett, F. C. Slaughter.

Chemist: E. J. Wheeler.

CASE No. 2066.

September 30, 1898. Not yet assigned.

Witnesses: W. J. Bennett, F. C. Slaughter.

Chemist: E. J. Wheeler.

CASE No. 2000.

September 30, 1898. Not yet assigned.

Witnesses: W. J. Bennett, J. T. Norton.

Chemist: E. J. Wheeler.

CASE No. 1999.

September 30, 1898. Not yet assigned.

Witnesses: W. J. Bennett, F. C. Slaughter.

Chemist: E. J. Wheeler.

CASE No. 637.

September 30, 1898. Not yet assigned.

Witnesses: M. Dugan, J. T. Norton.

Chemist: E. J. Wheeler.

CASE No. 773.

September 30, 1898. Not yet assigned.

Witnesses: J. T. Norton, M. S. Rivenburg.

Chemist: E. J. Wheeler.

OLEOMARGARINE.

CASE No. 2211.

Supreme Court, Westchester County, N. Y.

Summons and complaint served.

Counsel: P. Edgar Ackert.

Witnesses: W. J. Bennett, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case settled on payment of \$50 and costs by defendants.

CASE No. 2208.

Supreme Court, Westchester County, N. Y.

Summons and complaint issued.

Counsel: P. Edgar Ackert.

Witnesses: W. J. Bennett, H. S. Ambler.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2207.

Supreme Court, Westchester County, N. Y.

Summons and complaint served.

Counsel: P. Edgar Ackert.

Witnesses: W. J. Bennett, H. S. Ambler.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2212.

Supreme Court, Orange County, N. Y.

Summons and complaint issued.

Counsel: P. Edgar Ackert.

Witnesses: W. J. Bennett, F. C. Slaughter.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

CASE No. 2543.

Supreme Court, Dutchess County, N. Y.

Summons and complaint served.

Counsel: P. Edgar Ackert.

Witnesses: W. J. Bennett, C. Sears.

Chemist: E. J. Wheeler.

Case pending September 30, 1898.

HENRY S. AMBLER,
Assistant Commissioner.

Report of T. James Owens.

HON. CHARLES A. WIETING, *Commissioner of Agriculture*:

Dear Sir.—I herewith submit to you my second annual report as Assistant Commissioner of the fourth division of your Department, comprising the counties of Essex, Fulton, Herkimer, Montgomery, Oneida, Oswego and Warren, for the year ending September 30, 1898.

The same methods in the pursuance of the work in this division has been followed as in the past, viz.: To examine the milk in towns, villages and cities in the morning, and vinegar in the unoccupied part of the day. I am of the opinion that the quality of milk has been equal to, or better than in previous years, due largely to more care in milking and a better knowledge in caring for the same. The demand for expert cheesemakers has been more frequent than heretofore, and I am pleased to say that generally their wishes were complied with.

The so-called "bob-veal" law, previous to, and upon its passage, was looked upon by the farmers and dealers with great disfavor, but as its provisions became better understood their opinions were greatly changed, and finally it was hailed as one of the best laws on the statute books. I have met with but little opposition to its enforcement. The law preventing the adulteration and deception in the sale of linseed oil meets with universal favor, and a desire that the law will be rigidly enforced. The same can be said of the Paris green law.

Work Performed.

MILK.

Number specimens of milk examined	8,952
Number dairies, milk examined	6,491

Number creameries examined	61
Number specimens delivered to chemist	30
Stables inspected	152
Herds inspected	21
Number miles traveled	13,652

VINEGAR.

Number barrels vinegar examined	564
Number stores inspected	222
Number samples delivered to chemist	2

I desire to thank the agents in this division who have performed their several duties cheerfully, intelligently and well.

Respectfully submitted,

T. JAMES OWENS,

Assistant Commissioner.

Report of Charles T. Russell.

Hon. CHARLES A. WIETING, *Commissioner of Agriculture*:

Dear Sir.—Herewith is respectfully submitted my first annual report as Assistant Commissioner of Agriculture, of the work performed under your Department in this the sixth division of the State, comprising the counties of Broome, Chenango, Cortland, Madison, Onondaga, Tioga and Tompkins. This report being made for the year terminating September 30, 1898, for the first three months of the year thus reported, I was employed under your Department as an agent and expert; and on the first day of January next succeeding was appointed temporarily to fill the vacancy then existing through the decease of my predecessor, the late Charles R. Payne; and on the fifth day of July following, permanently appointed by you as Assistant Commissioner from the State civil service list. It will thus be seen that for the year covered by this report, a portion of the work was performed under the supervision of my predecessor.

Withing this territory are some of the finest dairy sections. The extent of its dairy interests — the production and shipping of milk and the manufacture of its products — make the sixth division one of the most important in the State. The transportation facilities here afforded are such as have contributed to a steady increase of the shipping interests. Traversing this territory, are five great shipping lines, with terminals in New York city, which, with their various branches, furnish the city with a large portion of its daily milk supply; and in addition to this a large quantity is shipped from this division over the branches of the Lehigh Valley railroad for the Philadelphia market; also about 2,500 cans per day are consumed in the cities and large villages of this division, while at points of 5 or 6 miles apart is to be found either a butter or cheese factory.

Peculiar to this division is the varying number of its butter and cheese factories along the shipping lines within a distance of 4 of 5 miles out, which is controlled by the relative prices received for milk and its manufactured products. When the prices for milk are relatively high, many of the factories temporarily close; and when butter and cheese command the higher price, new factories are built and the old ones reopened.

Milk Inspection.

The necessary inspection of this large volume of milk has taxed our energies to the utmost; the work, however, has been so thoroughly done that it has resulted, I am glad to say, in a steady decrease in adulteration in this division. As milk is one of the most commonly used articles of food, and as it is also a fertile medium for bacterial development, it is therefore recognized as one of the most active agents in the propagation of disease. Therefore, the great importance of its inspection, for the prevention of fraud and deception in food products, and and the preservation of the public health. Besides this protection to the public against filth, adulteration and disease, the inspection of our milk supply, in common with the restraining laws against the manufacture of imitation butter and filled cheese, have resulted in incalculable benefit to legitimate agricultural industry, in the protection afforded to the interests of dairy farming in this State. The great benefit derived is not so much in the detection of the few adulterations now committed, as the general and wholesale adulterations, so to speak, which are prevented by fear of the law. Now adulteration is the exception instead of the rule, as formerly, especially in the case of city dealers, before the agricultural law was enacted. In a market already affected by overproduction, such conditions as formerly existed, resulting in poorer quality, reduced consumption, unrestricted shipment of inferior milk from neighboring States — now barred out by law — and decrease in the demand from the producer by increasing the supply by adulteration, contributing to lessen prices to the producer and consequent injury to the interests of dairy farm-

ing is a condition, the avoidance of which is worthy of our best effort. The popularity of this necessary inspection of our milk supply is evidenced by the public demand for the same, in the frequent and almost daily calls upon the inspectors from consumers in cities and towns, and dairy farmers patronizing butter and cheese factories. In regard to the amendment to the agricultural law of last winter, providing in substance, that when a sample of the milk sold is taken, which proves to be adulterated or below standard, in case the person selling the milk is the producer, a second sample is to be taken at the dairy, and if the second sample proves to be as poor as the milk sold, no prosecution to stand, our State milk standard being as low as any State or country in the world, and much lower than some. Whenever upon inspection, we have taken samples of the milk sold, which proved to be adulterated or below the standard, and thereafter taking samples at the dairy, we have in every instance and invariably found the milk above standard at the dairy, and of entirely different quality; and within the experience of our inspectors, we have yet to find a herd in this division giving milk below the standard of total solids.

State Cheese Brands.

One of the important provisions of the agricultural law, being that in relation to the State branding of full cream cheese, whereby the reputation of our cheese product is sustained in home and foreign markets; and as many of the factories had neglected to comply with the regulations of the Department, requiring them to return the same when the factories closed, to prevent their falling into unscrupulous and irresponsible hands, we were requested by the Department to find and return such brands as were in this division. Several weeks were spent in this work, and of the several brands not recovered, a satisfactory history was obtained of their total loss and destruction.

Oleomargarine and Filled Cheese.

Oleomargarine and filled cheese which at one time threatened serious injury to the dairy industry, has by the wise and effective

legislation enacted in protection of agricultural interests, been practically driven from this section. We are unable to discover that any is being manufactured or sold in this division at the present time.

Vinegar.

In compliance with a request from you, upon information that spurious vinegar was being sold in central New York, we spent several weeks in a thorough inspection of the vinegar sold in this division. By the aid of improved methods of inspection, we discovered 22 cases of adulteration in the cities of Syracuse and Binghamton, having spent several days with a chemist studying the tests for various adulterations. Except in these instances, the vinegar inspected in this division was generally found to be of high quality.

Veal, Paris Green, Etc.

I find that the provisions of the law, in relation to the illegitimate traffic in "bob veal" has the moral support of the people, and is generally complied with in this division. As to the provisions in regard to Paris green, maple sugar, linseed oil, etc., being of recent enactment, the methods of their inspection are not so thoroughly understood; however, I intend to give these matters my attention in the near future. At this point, I desire to mention that this division has but two agents where formerly there were four, yet, by earnest effort, the work has been almost as thorough as in previous years was done by twice the number employed. In this I have been aided by the present practical and business-like administration of the Department, and in this connection I would particularly mention the improvement in the manner of the agents' reports, over the method at one time employed.

I find in this division, a steady improvement in our dairies and the quality of butter and cheese manufactured, also an increasing intelligence and knowledge of agricultural affairs, chiefly the result of the educational work of the State Department of Agriculture, in the work of Department experts and farmers' institutes now held

in every center of the State, accessible to every agricultural neighborhood.

The following is a detailed report of the work performed by the agents of this division, from October 1, 1897, to September 30, 1898, both dates inclusive; in this connection I would say that I have by myself, and also in company with the agents of this division, taken samples of adulterated milk in quite a number of cases, having given this part of our work a large share of my time and personal attention.

REPORT OF A. M. KIBBE.

Number of days inspecting milk	215
Number of days inspecting vinegar	35
Number of days looking up State cheese brands	18
Number of days special duty, reports, etc.	40
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Total number of days	308
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Number of cheese factories inspected	58
Number of butter creameries inspected	36
Number of railroad milk-shipping stations, inspected	107
Number of milk associations inspected	6
Number of milk peddlers inspected	498
Number of dairymen's milk inspected on delivery at cheese creameries	1,879
Number of dairymen's milk inspected on delivery at but- ter creameries	1,205
Number of dairymen's milk inspected on delivery at rail- road shipping stations	2,769
Number of dairymen's milk inspected on delivery at milk associations	202
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Number of cans of dairymen's milk inspected on delivery at cheese factories	3,314
Number of cans of dairymen's milk inspected on delivery at butter creameries	3,315

Number of cans of dairymen's milk inspected on delivery at railroad milk-shipping stations	6,463
Number of cans of dairymen's milk inspected on delivery at milk associations	638
Number of cans of peddlers' milk inspected	1,244
Total number of cans of milk inspected	14,974
Number stores inspected where vinegar is sold	493
Number barrels vinegar inspected	3,318
Number vinegar manufactories inspected	9
Number of samples delivered to chemist, beside corre- sponding herd-duplicates (of the 37 samples so deliv- ered, 27 were taken by myself and C. F. Nash, together),	37
Number of miles traveled	8,039

REPORT OF CHARLES F. NASH.

Number of days inspecting milk	176
Number of days inspecting herds	20
Number of days on history of cheese brands	25
Number of days inspecting vinegar	30
Number of days special duty, reports, etc.	40
Number of days attending court	3
Total number of days	294
Number of railroad milk-shipping stations inspected	78
Number of butter creameries inspected	15
Number of cheese factories inspected	74
Number of milk peddlers inspected	480
Number of stores inspected both vinegar and milk	384
Number of vinegar factories inspected	9
Number of stables inspected	25

Number of cows inspected	350
Number of herds inspected	32
Number of dairymen's milk inspected on delivery at railroad milk-shipping stations	2,100
Number of dairymen's milk inspected on delivery at butter creameries	780
Number of dairymen's milk inspected on delivery at cheese factories	2,220
Number of barrels vinegar inspected	3,000
Number of cans of dairymen's milk inspected on delivery at railroad milk-shipping stations	5,250
Number of cans of dairymen's milk inspected on delivery at butter creameries	2,127
Number of cans of dairymen's milk inspected on delivery at cheese factories	5,570
Number of cans inspected on shipping-station platforms and milk trains	1,000
Number of cans of peddlers' milk inspected	1,200
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Total number of specimens inspected	18,147
Total number of samples delivered to chemist besides corresponding herd-duplicates (of the 46 samples so delivered, 27 were taken by myself and A. M. Kibbe, together)	46
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Total number of appearances in cases	1
Estimated number of miles traveled	8,700
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Cases.

The following is a report of actions settled and pending for violations of the Agricultural Law, in the sixth division of the Agricultural Department of the State:

MILK.

LABEL No. 4309.

Cases referred to E. E. Mellon, October 20, 1897, and settled February 1, 1898, by the payment by defendant of \$50.

Attorney: E. E. Mellon.

Witnesses: Chas. T. Russell, Samuel Stevens.

Chemist: Hugh C. Troy.

LABEL No. 4344.

Case settled February 1, 1898, by the payment by defendant of \$100.

Attorney: E. E. Mellon.

Witnesses: Chas. T. Russell, Samuel Stevens.

Chemist: Hugh C. Troy.

LABEL No. 4341.

Case settled February 1, 1898, by payment by defendant of \$75.

Attorney: E. E. Mellon.

Witnesses: Chas. T. Russell, Lewis A. Hollenbeck.

Chemist: Hugh C. Troy.

LABEL No. 4343.

Case settled February 1, 1898, by the payment by defendants of \$100.

Attorney: E. E. Mellon.

Witnesses: Chas. T. Russell, Samuel Stevens.

Chemist: Hugh C. Troy.

LABEL No. 4348.

Case settled February 1, 1898, by the paying by defendants of \$125. There were two defendants, one paying \$75, and the other \$50.

Attorney: E. E. Mellon.

Witnesses: Chas. T. Russell, Lewis A. Hollenbeck.

Chemist: Hugh C. Troy.

LABEL No. 4350.

Case settled February 1, 1898, by the payment by defendants of \$125. There were two defendants, one paying \$75, and the other \$50.

Attorney: E. E. Mellon.

Witnesses: Chas. T. Russell, Lewis A. Hollenbeck.

Chemist: Hugh C. Troy.

LABEL No. 4384.

Action commenced in Supreme Court, February 4, 1898. Case settled February 10, 1898, by the payment by defendant of \$50 and costs.

Attorney: A. O. Briggs.

Witnesses: A. M. Kibbe, Thos. Stack.

Chemist: Hugh C. Troy.

LABEL No. 6003.

Action commenced in Supreme Court, February 7, 1898. Case settled February 10, 1898, by the payment by defendant of \$74 and costs.

Attorney: A. O. Briggs.

Witnesses: Chas. T. Russell, Wm. D. Marble.

Chemist: Hugh C. Troy.

LABEL No. 6004.

Action commenced in Supreme Court, February 9, 1898. Case settled February 9, 1898, by the payment by defendants of \$70 and costs.

Attorney: A. O. Briggs.

Witnesses: Chas. T. Russell, John C. Ray.

Chemist: Hugh C. Troy.

LABEL No. 4289.

Action commenced in Supreme Court February 17, 1898. Case settled March 11, 1898, by the payment by defendant of \$50 and costs.

Attorney: A. O. Briggs.

Witnesses: Chas. T. Russell, A. M. Kibbe.

Chemist: Hugh C. Troy.

LABEL No. 6001.

Case referred to A. O. Briggs January 27, 1898, and pending settlement.

Attorney: A. O. Briggs.

Witnesses: Chas. T. Russell, A. M. Kibbe.

Chemist: Hugh C. Troy.

LABEL No. 6002.

Case referred to A. O. Briggs January 27, 1898. Defendant left \$25 with the attorney, with the agreement to pay \$15 more, making \$40, in settlement of case; the \$15 has not yet been paid and the action still unsettled.

Attorney: A. O. Briggs.

Witnesses: Chas. T. Russell, B. M. Hallock.

Chemist: Hugh C. Troy.

LABELS Nos. 6005 and 6006.

Case referred to A. O. Briggs January 27, 1898. In this case defendant had left the country and his place of residence before attorney could obtain service of summons. Case still pending.

Attorney: A. O. Briggs.

Witnesses: Chas. T. Russell, Ludlum Blodgett.

Chemist: Hugh C. Troy.

LABEL No. 4279.

Action commenced in Supreme Court November 13, 1897. Case still pending.

Attorney: A. O. Briggs.

Witnesses: Chas. F. Nash, F. W. Church.

Chemist: Hugh C. Troy.

LABEL No. 4255.

Action commenced in Supreme Court September 27, 1897. In this case defendant's milk was drawn to the creamery on a load with that of several other patrons, and there proved to be a doubt as to whether the milk that was sampled was the milk of this defendant, and the case was compromised and discontinued September 7, 1898, upon defendant paying \$20 toward the costs of the attorney for the prosecution.

Attorney: A. O. Briggs.

Witnesses: C. R. Payne, C. F. Nash.

Chemist: Hugh C. Troy.

LABEL No. 4280.

Summons issued in Supreme Court by attorney September 8, 1897. Case still pending.

Attorney: A. O. Briggs.

Witnesses: C. F. Nash, F. W. Church.

Chemist: Hugh C. Troy.

LABEL No. 4285.

Case referred to Chas. R. Coville August 30; 1898, and pending settlement.

Attorney: Chas. R. Coville.

Witnesses: Chas. T. Russell, Thos. Vivyan.

Chemist: Hugh C. Troy.

LABEL No. 4276.

Action commenced in Supreme Court October 6, 1897, and tried September 20, 1898, and upon judge's ruling that the inspector had neglected to take a legal sample, defendant acquitted.

Attorney: A. O. Briggs.

Witnesses: C. F. Nash, Allen Hay.

Chemist: Hugh C. Troy.

LABELS Nos. 825, 3908.

Action commenced in Supreme Court February 3, 1897. Noticed for September term, but passed term by consent on account of illness of attorney. Case still pending.

Attorney: John E. Smith.

Witnesses: Chas. F. Nash, Chas. Tripp.

Chemist: H. E. Nimms.

LABELS Nos. 4264, 4274.

Action commenced in Supreme Court August 3, 1897. Case still pending.

Attorney: John E. Smith.

Witnesses; Chas. F. Nash, Chas. O. York.

Chemist: J. F. Gregory.

LABEL No. 4258.

Action commenced in Supreme Court September 27, 1897. On October 9, 1897, judgment entered with clerk in Madison county in favor of plaintiff for \$100, and \$28.67 costs. Attorney for the State informs me that defendant is very poor, and judgment has not been and cannot be collected.

Attorney: John E. Smith.

Witnesses: Chas. F. Nash, C. R. Payne.

Chemist: Hugh C. Troy.

LABEL No. 4308.

Action commenced in Supreme Court October 13, 1897. Case still pending.

Attorney: John E. Smith

Witnesses: Chas. T. Russell, Robert J. Warcup.

Chemist: Hugh C. Troy.

LABEL No. 4319.

Action commenced in Supreme Court January 1, 1898. Case settled March 16, 1898, by payment by defendant of \$25 and costs.

Attorney: John E. Smith

Witnesses: A. M. Kibbe, Dever Stoddard.

Chemist: Hugh C. Troy.

LABELS Nos. 3905, 827.

Action commenced in Supreme Court January 28, 1897. Attorney accepted \$25 penalty and costs of suit by note, dated September 13, 1897, as reported by my predecessor. Final settlement was made November 12, 1897, upon the payment of the note by defendant.

Attorney: John E. Smith.

Witnesses: Chas. F. Nash, Norva Snow.

Chemist: H. E. Nimms.

LABEL No. 5962.

Action commenced in Supreme Court September 24, 1898. Case settled October 28th, by the payment by defendant of \$25 and costs.

Attorney: John E. Smith.

Witnesses: Chas. F. Nash, Louis Day.

Chemist: Hugh C. Troy.

LABEL No. 5957.

Action commenced in Supreme Court September 28, 1898. No answer to plaintiff's complaint has been received; attorney will apply for judgment.

Attorney: John E. Smith.

Witnesses: Chas. T. Russell, Chas. F. Nash.

Chemist: Hugh C. Troy.

LABELS Nos. 4281, 5956.

Action commenced in Supreme Court September 26, 1898. Case still pending.

Attorney: John E. Smith.

Witnesses: Chas. F. Nash, Joseph Hamilton.

Chemist: Hugh C. Troy.

LABELS Nos. 4253, 5964.

Case referred to John E. Smith, August 31, 1898. Action commenced October 13th, and still pending.

Attorney: John E. Smith.

Witnesses: Chas. F. Nash, C. R. Payne.

Chemist: Hugh C. Troy.

LABEL No. 4320.

Action commenced in Supreme Court September 30, 1898. Case still pending.

Attorney: John E. Smith.

Witnesses: A. M. Kibbe, Orville Spicer.

Chemist: Hugh C. Troy.

LABEL No. 4286.

Action commenced in Supreme Court January 28, 1898. Case settled February 11th, by payment by defendant of \$25 and costs.

Attorney: John E. Smith.

Witnesses: Chas. F. Nash, Adelbert Larcock.

Chemist: Hugh C. Troy.

LABELS Nos. 5966, 5967.

Action commenced in Supreme Court, January 28, 1898. Case settled February 11th, by payment by defendant of \$25 and costs.

Attorney: John E. Smith.

Witnesses: Chas. F. Nash, Adelbert Larcock.

Chemist: Hugh C. Troy.

LABEL No. 4335.

Defendant being financially irresponsible, case was settled by payment of \$35.

Attorney: No designation.

Witnesses: Chas. T. Russell, S. D. Burdick.

Chemist: Hugh C. Troy.

LABEL No. 4321.

Case referred to John E. Smith, August 31, 1898. Action commenced in Supreme Court, October 29th. Case still pending.

Attorney: John E. Smith.

Witnesses: A. M. Kibbe, Orville Spicer.

Chemist: Hugh C. Troy.

LABEL No. 4288.

Case referred to John E. Smith. Action commenced in Supreme Court, October 31, 1898. Case still pending.

Attorney: John E. Smith.

Witnesses: Chas. F. Nash, Chas. T. Russell, E. M. Billings.

Chemist: Hugh C. Troy.

LABEL No. 4336.

Case referred to Abram Crosby, October 20, 1897. Summons and notice issued in Supreme Court, December 2, 1898. Case still pending.

Attorney: Abram Crosby.

Witnesses: Chas. F. Nash, R. O. Tupper.

Chemist: Hugh C. Troy.

LABEL No. 4339.

Summons and notice in the Supreme Court issued December 2, 1898. Case still pending.

Attorney: Abram Crosby.

Witnesses: Chas. F. Nash, Geo. W. Prince.

Chemist: Hugh C. Troy.

LABEL No. 4318.

Summons and notice in Supreme Court issued December 2, 1898. Case still pending.

Attorney: Abram Crosby.

Witnesses: A. M. Kibbe, William E. Greenman.

Chemist: Hugh C. Troy.

LABELS Nos. 4296, 4299.

Case referred to J. P. Allds, September 27, 1897, and pending settlement.

Attorney: J. P. Allds.

Witnesses: Chas. F. Nash, C. R. Payne.

Chemist: Hugh C. Troy.

LABELS Nos. 4295, 4297.

Case referred to J. P. Allds, September 27, 1897, and pending settlement.

Attorney: J. P. Allds.

Witnesses: Chas. F. Nash, C. R. Payne.

Chemist: Hugh C. Troy.

LABEL No. 4298.

Case referred to J. P. Allds, September 27, 1897, and pending settlement.

Attorney: J. P. Allds.

Witnesses: Chas. F. Nash, C. R. Payne.

Chemist: Hugh C. Troy.

LABEL No. 4290.

Case referred to J. P. Allds, September 27, 1897. Case settled December 29th by payment by defendant of \$50.

Attorney: J. P. Allds.

Witnesses: Chas. F. Nash, Fred. M. Dewey.

Chemist: Hugh C. Troy.

LABEL No. 4340.

Case referred to J. P. Allds, December 3, 1897. Case settled February 14, 1898, by payment by defendant of \$60.

Attorney: J. P. Allds.

Witnesses: Chas. F. Nash, Henry A. Sweet.

Chemist: Hugh C. Troy.

LABEL No. 5955.

Case referred to J. P. Allds, October 13, 1898. Case still pending.

Attorney: J. P. Allds.

Witnesses: A. M. Kibbe, Chas. F. Nash, Wm. Parker.

Chemist: Hugh C. Troy.

LABEL No. 5974.

Case referred to J. P. Allds, October 13, 1898. Case still pending.

Attorney: J. P. Allds.

Witnesses: A. M. Kibbe, Chas. F. Nash, Chas. Willis.

Chemist: Hugh C. Troy.

LABEL No. 4328.

Case referred to Commissioner Wieting to have attorney designated.

Witnesses: A. M. Kibbe, Chas. T. Russell, Chas. Decker.

Chemist: Hugh C. Troy.

LABEL No. 5958.

Case referred to Commissioner Wieting to have attorney designated.

Witnesses: A. M. Kibbe, Chas. F. Nash, Chas. T. Russell, Timothy Burke.

Chemist: Hugh C. Troy.

LABEL No. 5968.

Case referred to Commissioner Wieting to have attorney designated.

Witnesses: C. F. Nash, Enos M. Card.

Chemist: Hugh C. Troy.

LABEL No. 5976.

Case referred to Commissioner Wieting to have attorney designated.

Witnesses: Chas. F. Nash, A. M. Kibbe, Hugh Bulger.

Chemist: Hugh C. Troy.

VINEGAR.

The following cases for violation of the Agricultural Law relating to the sale of adulterated vinegar were referred to Lawrence T. Jones as attorney July 11, 1898, and settlement pending. A. M. Kibbe and Chas. F. Nash were witnesses in each case. Chemist, Hugh C. Troy. Labels Nos. 970, 972, 975, 986, 991, 962, 983, 958, 955, 974, 992, 968, 990, 994, 954, 973, 985, 951, 993, 967, 952, 989.

In conclusion I desire to extend my thanks to the agents who have so ably aided me by untiring and faithful service in the work of this division.

Very respectfully yours,
CHAS. T. RUSSELL,
Assistant Commissioner.

Report of Verlett C. Beebe.

HON. CHARLES A. WIETING, *Commissioner of Agriculture*:

Dear Sir.—I have the honor to submit herein a report of the work done in the seventh division of the Department of Agriculture of this State for the year ending September 30, 1898:

The work which has been done in this division during such period has been in the main such as has been done in the previous years during the term in which I have been acting as Assistant Commissioner therein. However, some additional and different labors have been occasioned by requirements made by new laws which have taken effect during the year. As heretofore, the principal part of the work has been concerned with investigations of milk and milk product adulterations. The quantity of milk produced in this division is enormous and the milk industry is one of the chief industries of the counties of the division, and its importance is on the increase rather than the wane. It need not be said that great diligence is necessary in order that the violation of the agricultural law may be reduced to the minimum.

With the assistance of the agents I have made what efforts I have been able along this line. Tests have been made at factories in each of the counties in the division, and at all of the principal points where shipment of milk are made and in all of the cities of the division. Of course it has not been possible to visit every factory and make tests of milk offered for sale by every producer. I have endeavored to reach those places which in my judgment were most in need. Points where we were unable to go the previous year from lack of time, we have tried to visit the present year.

From February 10, 1897, until April 15th, of the present year, I had the assistance of but one agent, C. J. Morgenstern, and in con-

sequence, during that period as much was not accomplished as otherwise would have been. April 15th last, Mr. Romaine A. French was appointed as an agent in this division and since then has well familiarized himself with his duties.

During the year, as will be seen from the appended report of the agents, there were delivered to the Chemists for analysis twenty-two samples of adulterated milk, and during the previous year twenty-four samples were taken which showed below the standard fixed by law. When we call to mind the fact that the provisions of the McLaughlin Act, with regard to which something will be said later, went into effect April last, it will be seen that something has been accomplished. In cases in which prosecutions have been necessary these have been made and pushed along to some conclusion as rapidly as seemed advisable. Many cases were adjusted before action brought, in many cases actions were brought, but in few cases have actions been continued to trial, a settlement being effected. A large number of cases pending at the time of the making of my last annual report were disposed of during the year and few cases pending a year ago remain yet to be disposed of.

July 14th last my attention was called to a report that several persons had been made seriously ill from eating cheese which had been manufactured at the Beaver Dam factory, in Schuyler county. Together with Hugh C. Troy, chemist employed by the Department, I went to the factory. Investigation disclosed that several families of the patrons of the factory and others in the cities of Corning and Elmira, who had eaten cheese made at this factory, were made sick by it. Some of these were seriously sick for some little time, but to my knowledge, no deaths resulted. The maker could offer no explanation as to the cause, but our investigation showed that there was too much free moisture in the make, and some of the earlier-made cheese had begun to decompose. The sanitary condition of the factory and its surroundings were bad. Two of the cheese were immediately taken away for analyses, and there was no poison discovered in them.

Much comment was caused by the report published in many daily newspapers that arsenic was found in these cheese and such sickness was due to arsenic poisoning. These reports also intimated that a death had resulted from eating this cheese. My investigation showed that this was not so. The factory had been closed the day before my arrival there. The patrons were at a loss to know what to do with their milk. After consulting with your honor, I made arrangements whereby W. W. Hall, a State cheese instructor, was sent to the factory and conducted it for a period of about three weeks. He soon made a change in the sanitary conditions for the better, and with his great experience in handling and making cheese, had little trouble in turning out a first-class cheese from the factory. He imparted such instructions to the former maker of the cheese, that she was able, at the end of three weeks, to continue the business alone. It was my privilege to handle the make of the factory the remainder of the season, and I found no difficulty in finding a market for the make as a first-class product.

A great benefit would result to the makers and farmers had we more cheese experts. I have had the honor of being a judge of cheese at the State fair for two seasons past, and my examinations made as such show that the cheese sent to these fairs from the central and northern part of the State are more uniform in make than that from other localities, as a rule. In the central and northern parts of the State the cheese instructors have spent the major part of their time of late. There seems to be much need for them in other localities.

My experience leads me to say that much may be said in praise of the so-called "McLaughlin Act," as an addition to the milk laws of the State. It seems to have made the work of the Department much greater, but the results attained seem to justify the additional efforts required, and it certainly should be heartily approved by all milk producers. Doubtless considerable additional expense is entailed by the law, but it seems to me that much expense will also

be saved by reason of the certainty attained by tests made as required by it and settlements effected prior to litigation.

Investigation as to vinegar adulterations were mainly made of vinegar made by farmers in the district and sold by them to dealers. Such has shown little evidences of violations of the law, and in my opinion there has been little of the adulterated vinegar put on the market in this division during the year. In some cases where vinegar has been found to be a little below the standard and the explanation of the cause has been satisfactorily made, it has been deemed wise not to prosecute, but proper admonitions have been made. At the time I made my last report there were quite a number of old vinegar cases undisposed of. Nearly all of these at this date have been disposed of.

Mr. M. T. Cain, recently appointed as an agent of the Department for this division, to work under the provisions of the so-called "bob-veal" law, has reported to me. My knowledge of the work that he has been doing since such appointment leads me to say that the same has been done in a thorough and efficient manner. While no violations of the act have been prosecuted, the agent has spent much time in investigating along the proper channels and in familiarizing the raisers and sellers with the provisions of the act. Unquestionably, prior to its enactment, in many localities a quite general sale of bob-veals was had, and a result of this act must be a general betterment of the quality of butter and cheese produced during the spring months. Mr. Cain has also been of considerable service to me in assisting the other agents in their investigations in and about Elmira.

Great interest has been shown in the Farmers' Institutes held in this division during the year, and much benefit has been derived. The indications are that such interest will even be increased the coming year, as the farmers are generally becoming advised of the practical benefit that may thus be attained.

Detailed Report of Work Performed.

A report of the work which has been done by the State agents of the seventh division, Charles J. Morgenstern and Romaine A. French, follows:

REPORT OF CHARLES J. MORGENSTERN.

Number of days inspecting milk	157
Number of days inspecting butter	13
Number of days inspecting vinegar	8
Number of days inspecting herds of cattle.....	13
Number of days taking samples of milk of herds.....	33
Number of days collecting State cheese brands.....	7
Number of days obtaining evidence in cases.....	2
Number of days subpoenaing witnesses	4
Number of days in attendance at court.....	7
Number of days making complaints for prosecution...	9
Number of days on special work	5

Total number days	258
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Number of cheese factories inspected	38
Number of creameries inspected	25
Number of butter creameries inspected	16
Number of condenseries inspected	4
Number of vinegar manufactories inspected	5
Number of stables inspected	15

Total	103
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Number of cans of milk inspected at creameries	468
Number of cans of milk inspected at condenseries ...	128
Number of cans of milk inspected at cheese factories..	1,165
Number of cans of milk inspected at butter creameries	748

Number of cans of milk inspected on wagons of milk peddlers.	1,037
Number of cans of milk inspected at railroad stations..	2,781
Total cans inspected	6,327
Number of samples of milk delivered to chemist	49
Number of complaints of milk adulteration made.	16
Number of barrels of vinegar inspected	185

REPORT OF ROMAINE A. FRENCH.

Number of days inspecting milk	72
Number of days inspecting herds of cattle	14
Number of days taking samples of milk of herds	14
Number of days on special work	5
Total number days	105
Number of cheese factories inspected	33
Number of creameries inspected	4
Number of butter creameries inspected	10
Number of condenseries inspected	1
Number of stables inspected	13
Total	61
Number of cans of milk inspected delivered at butter creameries	286
Number of cans of milk inspected at cheese factories..	1,134
Number of cans of milk inspected at condenseries . . .	137
Number of cans of milk inspected at railroad stations	398
Number of cans of milk inspected on wagons of milk peddlers	109
Total cans inspected	2,064

Number of samples of milk delivered to chemists	24
Number of complaints of milk adulteration made	6

Prosecutions.

The following is a statement of all actions pending and brought during the year for violations of the Agricultural Law:

MILK.

CASE No. 3494.

Action brought October 15, 1897; answer interposed December 21st; settled, defendant paying \$50.

Attorney: A. E. Baxter.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 3445.

Action brought October 15, 1897; answer interposed December 21st; settled, defendant paying \$25.

Attorney: A. E. Baxter.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 4712.

Action brought; settled, defendant paying \$30 and costs.

Attorney: Milo M. Acker.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 4705.

Action brought; settled, defendant paying \$30 and costs.

Attorney: Milo M. Acker.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 4711.

Action brought; answer interposed; settled, defendant paying \$30 and costs.

Attorney: Milo M. Acker.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 4777.

Action brought; settled, defendant paying \$95.

Attorney: W. F. McNamara.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 7167.

Action brought; settled, defendant paying \$25 and costs.

Attorney: Milo M. Acker.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 3463.

Action brought January 6, 1897; answer interposed January 25th; action tried June 4th, and resulted in judgment for plain-

tiff for \$100 and costs; judgment unpaid; defendant reported insolvent, but attorney reports prospect of arranging settlement.

Attorney: A. E. Baxter.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 3460.

Action brought November 13, 1896; answer interposed November 25th; action came on for trial February 5, 1897; complaint dismissed on ground that it did not state facts sufficient to constitute a cause of action in that it did not state whether or not milk was taken to skim-milk factory or full cream factory; appeal taken and motion for new trial granted; case still pending.

Attorney: Charles D. Newton.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 1580.

Action brought; answer interposed; action tried December 6, 1897, and resulted in a verdict of no cause of action.

Attorney: William Russell.

Chemist: John A. Miller.

Sample taken by Grove Barnum.

CASE No. 3418.

Action brought September 28, 1897; answer interposed; action tried June 8, 1898, and resulted in verdict for plaintiff for \$10.

Attorney: A. C. McCall.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 3449.

Case settled, by payment of \$25 by defendant.

Attorney: A. C. McCall.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 4761.

Action brought March 1, 1898; answer interposed; settled, defendant paying \$45.

Attorney: A. C. McCall.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 1612.

Action brought; answer interposed; action tried November, 1897, and resulted in nonsuit.

Attorney: J. A. La Seur.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 6734.

Settled, defendant paying \$45.

Attorney: A. C. McCall.

Chemist: Hugh C. Troy.

Samples taken by R. A. French and C. J. Morgenstern.

CASE No. 6740.

Case pending, prospects of a settlement being made.

Attorney: A. C. McCall.

Chemist: Hugh C. Troy.

Samples taken by C. J. Morgenstern and R. A. French.

CASE No. 4765.

Settled, defendant paying \$25 and costs.

Attorney: A. C. McCall.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 4703.

Settled, defendant paying \$30 and costs.

Attorney: Milo M. Acker.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 4756.

Settled, defendant paying \$30 and costs.

Attorney: Milo M. Acker.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 3448.

Action brought October 9, 1897; no answer was served; judgment not entered, but may be at any time; defendant makes repeated

promises to pay some sum in settlement; attorney reports that judgment cannot be collected.

Attorney: A. E. Baxter.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 3450.

Action brought; answer interposed; settled, defendant paying \$20.

Attorney: Owen Cassidy.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 3496.

Action brought; answer interposed; settled, defendant paying \$100.

Attorney: Owen Cassidy.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 3443.

Action brought; answer interposed; settled, defendant paying \$100.

Attorney: Owen Cassidy.

Chemist: Hugh C. Troy.

Sample taken by C. J. Morgenstern.

CASE No. 3479.

Action brought June 8, 1897; answer interposed; settled, defendant paying ———.

Attorney: E. P. Coyne.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 4792.

Action brought; answer interposed; case pending.

Attorney: A. C. McCall.

Chemist: Hugh C. Troy.

Samples taken by C. J. Morgenstern and R. A. French.

CASE No. 4727.

Action brought; answer interposed; case pending.

Attorney: A. C. McCall.

Chemist: Hugh C. Troy.

Sample taken by R. A. French.

CASE No. 4721.

Action brought; case pending.

Attorneys: Stone & Norton.

Samples taken by R. A. French and C. J. Morgenstern.

CASE No. 4732.

Action brought; case pending.

Attorneys: Stone & Norton.

Chemist: Hugh C. Troy.

Samples taken by R. A. French.

CASE No. 4723.

Action brought; case pending.

Attorneys: Stone & Norton.

Chemist: Hugh C. Troy.

Samples taken by C. J. Morgenstern and R. A. French.

CASE No. 6731.

Case pending.

Attorney: W. F. McNamara.

Chemist: Hugh C. Troy.

Samples taken by R. A. French and C. J. Morgenstern.

CASE No. 6735.

Action brought; case pending.

Attorneys: Stone & Norton.

Chemist: Hugh C. Troy.

Samples taken by R. A. French and C. J. Morgenstern.

CASE No. 6723.

Case pending.

Attorneys: A. J. & J. Knight.

Chemist: Hugh C. Troy.

Samples taken by C. J. Morgenstern and R. A. French.

CASE No. 6726.

Case pending.

Attorney: Milo M. Acker.

Chemist: Hugh C. Troy.

Samples taken by C. J. Morgenstern and R. A. French.

CASE No. 6696.

Action brought; case pending.

Attorney: James Le Seur.

Chemist: John A. Miller.

Samples taken by M. Galligan and C. J. Standart.

CASE No. 4780.

Action brought; answer interposed; case pending.

Attorneys: A. J. & J. Knight.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 4770.

Case pending.

Attorneys: A. J. & J. Knight.

Chemist: John A. Miller.

Sample taken by C. J. Morgenstern.

VINEGAR.

CASE No. 1228.

Action brought; answer interposed; settled, defendant paying \$50.

Attorney: A. E. Baxter.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 1230.

Action brought; answer interposed; settled, defendant paying \$50.

Attorney: A. E. Baxter.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 1221.

Action brought; answer interposed; settled, defendant paying \$50.

Attorney: A. E. Baxter.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 1678.

Action brought; answer interposed; settled, defendant paying \$100.

Attorney: A. E. Baxter.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 1217.

Action brought; answer interposed; settled, defendant paying \$50.

Attorney: A. E. Baxter.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 1215.

Action brought; answer interposed; case pending.

Attorney: A. E. Baxter.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 1216.

Action brought; answer interposed; case pending.

Attorney: A. E. Baxter.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 1220.

Action brought; answer interposed; case pending.

Attorney: A. E. Baxter.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

CASE No. 1227.

Action brought; answer interposed; case pending.

Attorney: A. E. Baxter.

Chemist: F. P. Vandenberg.

Sample taken by C. J. Morgenstern.

In concluding this report I desire to express my thanks to you for the many efforts which you have made in instructing and advising in the work to be done, and I also desire to express my thanks to the agents of this division for their uniform courtesy and untiring assistance.

Dated September 30, 1898.

Very respectfully,

VERLETT C. BEEBE,

Assistant Commissioner.

Report of William T. Hughes.

Hon. CHARLES A. WIETING, *Commissioner of Agriculture*:

Dear Sir.—As Assistant Commissioner for the eighth division, comprising the counties of Cayuga, Monroe, Ontario, Seneca, Wayne and Yates, I have the honor to submit the following report of the work performed under my direction during the year ending September 30, 1898.

The work of the Department in this division has increased, owing largely to the efforts required to enforce several new statutes establishing standards for the products of agriculture and providing for their inspection. Among these are chapter 194 of the Laws of 1898, relative to maple sugar and syrup, and chapter 491, regulating the sale and shipment of calves and veal. The provisions of the former statute apply to the territory embraced in this division only in a slight degree, so far as production is concerned, as the amounts of maple sugar and syrup manufactured here are unimportant. These products are dealt in extensively, however, and in compliance with the law numerous inspections have been made, which have demonstrated that the maple sugar and syrup offered for sale are generally of good quality. Considerable attention has been paid, also, to the requirements of the law prohibiting the slaughter for food of calves under four weeks old, or the exposure of such meat for sale. No cases calling for prosecution under this statute have been brought to light, butchers and meat dealers having manifested a disposition to comply with the law, although it is well known that before its enactment it was the practice of many of them to deal in meat of the sort which it condemns.

The principal work of the Department in this division always has been and is still the inspection of the milk supply furnished to consumers, especially in the city of Rochester, and of the dairies whence

this supply is obtained. The labor of securing samples of milk for examination has been increased very largely by the operation of chapter 557 of the Laws of 1898, which requires, with the consent of the producer, the taking of a sample at the dairy for comparison with the original sample of the milk offered for sale or delivered for manufacture. The excess of labor entailed by this statute, however, is compensated for by the ease with which convictions are secured in proper cases, since under the new system the producer is precluded from setting up a false claim that the original sample of milk, if below standard, is as good in quality as the average product of his dairy. The law thus not only aids the Department in convicting the dishonest producer, but also affords ample protection to the honest but unfortunate producer whose cows yield milk below the established standard.

The agents of the Department regularly employed in this division have been aided from time to time by such agents of the Department as you have detailed for work under my directions, of whose valuable assistance I beg leave to express my appreciation. The value of the addition to my working force has been demonstrated in the increased efficiency of the service and in the greatly improved quality of the articles of food offered for consumption.

Inspections.

The following is a summary of inspections made during the year:

Number of specimens examined	24,693
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As follows:

Cans of milk	19,587
Packages of butter	3,588
Barrels of vinegar	1,518
Dairies	444
Creameries and factories	42
Vinegar factories	10

Shipments of milk into the city of Rochester by rail:

	Gallons.
Over N. Y. C. & H. R. R. R. and W. S. R. R.	829,280
“ Erie Railroad	408,800
“ B., R. & P. R. R.	37,600
“ L. V. R. R.	54,750
“ R. W. & O. R. R.	9,855
Brought on wagons into the city	3,532,800
Produced from cows housed in the city	585,000
Cream shipped into Rochester by rail	67,600
	<hr/>
Total milk and cream	5,525,685
	<hr/>
Total for year ended September 30, 1897	5,378,435
	<hr/>
Showing an increase over 1897 of	147,250
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List of cases prosecuted and disposition made of same:

Prosecutions.

MILK.

CASE No. 5616.

Settled by attorney for the People.

Attorney: Jas. M. E. O'Grady.

Witnesses: Geo. Bernhard, Jas. E. Langdon.

Chemist: S. A. Lattimore.

CASE No. 5618.

Settled by attorney for the People.

Attorney: Jas. M. E. O'Grady.

Witnesses: Geo. Bernhard, Jas. E. Langdon.

Chemist: Samuel A. Lattimore.

CASE No. 5628.

Settled by attorney for the People.

Attorney: Wm. T. Plumb.

Witnesses: Jos. M. Quigley, Jas. E. Langdon.

Chemist: Samuel A. Lattimore.

CASE No. 5650.

Settled by attorney for the People.

Attorney: Erwin S. Plumb.

Witnesses: Geo. Bernhard, Jos. M. Quigley.

Chemist: Samuel A. Lattimore.

CASE No. 5652.

Settled by attorney for the People.

Attorney: Erwin S. Plumb.

Witnesses: Geo. Bernhard, Jos. M. Quigley.

Chemist: Samuel A. Lattimore.

CASE No. 5658.

Settled by attorney for the People.

Attorney: Erwin S. Plumb.

Witnesses: Jos. M. Quigley, Geo. Bernhard.

Chemist: Samuel A. Lattimore.

CASE No. 5667.

Settled by attorney for the People.

Attorney: Erwin S. Plumb.

Witnesses: Jos. M. Quigley, Geo. Bernhard.

Chemist: Samuel A. Lattimore.

CASE No. 5682.

Settled by attorney for the People.

Attorney: J. B. M. Stevens.

Witnesses: Jos. M. Quigley, Jas. E. Langdon.

Chemist: F. P. Vandenberg.

CASE No. 5683.

Settled by attorney for the People.

Attorney: J. B. M. Stevens.

Witnesses: Geo. Bernhard, Jos. M. Quigley.

Chemist: F. P. Vandenberg.

CASE No. 5684.

Case pending.

Attorney: J. B. M. Stevens.

Witnesses: Geo. Bernhard, Jos. M. Quigley.

Chemist: F. P. Vandenberg.

CASE No. 5689.

Settled by attorney for the People.

Attorney: J. B. M. Stevens.

Witnesses: Jas. E. Langdon, Geo. Bernhard.

Chemist: Fred R. Eilinger.

CASE No. 5687.

Case pending.

Attorney: J. B. M. Stevens.

Witnesses: Jas. E. Langdon, Geo. Bernhard.

Chemist: Fred R. Eilinger.

CASE No. 5691.

Settled by attorney for the People.

Attorney: J. B. M. Stevens.

Witnesses: Jos. M. Quigley, Geo. Bernhard.

Chemist: Fred R. Eilinger.

CASE No. 5695.

Settled by attorney for the People.

Attorney: J. M. E. O'Grady.

Witnesses: Geo. Bernhard, Jos. M. Quigley.

Chemist: Fred R. Eilinger.

CASE No. 5697.

Settled by attorney for the People.

Attorney: J. M. E. O'Grady.

Witnesses: Geo. Bernhard, Jos. M. Quigley.

Chemist: Fred R. Eilinger.

CASE No. 5698.

Settled by attorney for the People.

Attorney: J. M. E. O'Grady.

Witnesses: Geo. Bernhard, Jos. M. Quigley.

Chemist: Fred R. Eilinger.

VINEGAR.

CASE No. 1575.

Settled by attorney for the People.

Attorney: Wm. W. Armstrong.

Witnesses: Geo. Bernhard, Jos. M. Quigley.

Chemist: Samuel A. Lattimore.

CASE No. 1587.

Settled by attorney for the People.

Attorney: Wm. W. Armstrong.

Witnesses: Geo. Bernhard, Jos. M. Quigley.

Chemist: Samuel A. Lattimore.

Criminal Prosecutions.

MILK.

CASE No. 4435.

Police Court, Rochester, N. Y.

Defendant plead guilty and was fined \$25.

Attorney: J. M. E. O'Grady.

Witnesses: Jos. M. Quigley, Jas. E. Langdon.

Chemist: S. A. Lattimore.

CASE No. 4436.*Police Court, Rochester, N. Y.*

Defendant plead guilty and was fined \$25.

Attorney: J. M. E. O'Grady.

Witnesses: Jas. E. Langdon, Geo. Bernhard.

Chemist: S. A. Lattimore.

CASE No. 5619.

Police Court, Rochester, N. Y.

Defendant plead guilty and was fined \$25.

Attorney: J. M. E. O'Grady.

Witnesses: Jas. E. Langdon, Geo. Bernhard.

Chemist: S. A. Lattimore.

CASE No. 5629.

Police Court, Rochester, N. Y.

Defendant plead guilty and was fined \$25.

Attorney: W. W. Armstrong.

Witnesses: Jos. M. Quigley, Geo. Bernhard.

Chemist: S. A. Lattimore.

CASE No. 5630.

Police Court, Rochester, N. Y.

Defendant plead guilty and was fined \$25.

Attorney: W. W. Armstrong.

Witnesses: Jos. M. Quigley, Geo. Bernhard.

Chemist: S. A. Lattimore.

CASE No. 5631.

Police Court, Rochester, N. Y.

Defendant plead guilty and was fined \$25.

Attorney: W. W. Armstrong.

Witnesses: Jos. M. Quigley, Jas. E. Langdon, Geo. Bernhard.

Chemist: S. A. Lattimore.

CASE No. 5642.

Police Court, Rochester, N. Y.

Defendant plead guilty and was fined \$25.

Attorney: W. W. Armstrong.

Witnesses: Jos. M. Quigley, Jas. E. Langdon.

Chemist: S. A. Lattimore.

CASE No. 5653.*Police Court, Rochester, N. Y.*

Defendant plead guilty and was fined \$25.

Attorney: W. W. Armstrong.

Witnesses: Jas. E. Langdon, Geo. Bernhard.

Chemist: S. A. Lattimore.

CASE No. 5647.*Police Court, Rochester, N. Y.*

Defendant plead guilty and was fined \$25.

Attorney: W. W. Armstrong.

Witnesses: Jos. M. Quigley, Geo. Bernhard.

Chemist: S. A. Lattimore.

CASE No. 5654.*Police Court, Rochester, N. Y.*

Defendant plead guilty; case held open.

Attorney: W. W. Armstrong.

Witnesses: Jos. M. Quigley, Geo. Bernhard.

Chemist: S. A. Lattimore.

CASE No. 5678.

Police Court, Irondequoit, N. Y.

Defendant plead guilty; sentence suspended.

Attorney: J. B. M. Stevens.

Witnesses: Jos. M. Quigley, Jas. E. Langdon.

Chemist: F. P. Vandenberg.

CASE No. 5694.

Police Court, Mendon, N. Y.

Defendant plead guilty and was fined \$25.

Attorney: J. B. M. Stevens.

Witnesses: Jos. M. Quigley, Geo. Bernhard.

Chemist: F. R. Eilinger.

CASES MENTIONED IN LAST REPORT AS PENDING.

MILK.

CASE No. 4426.

Police Court, Rochester, N. Y.

Defendant found guilty and was fined \$25.

Attorney: W. W. Armstrong.

Witnesses: Geo. Bernhard, Jas. E. Langdon.

Chemist: S. A. Lattimore.

CASE No. 4433.

Police Court, Rochester, N. Y.

Defendant found guilty and was fined \$25.

Attorney: W. W. Armstrong.

Witnesses: Geo. Bernhard, Jas. E. Langdon.

Chemist: S. A. Lattimore.

CASE. No. 5560.

Supreme Court, Seneca County, N. Y.

Settled by attorney for the people, the defendant paying penalty and costs, amounting to \$128.23.

Attorney: W. W. Armstrong.

Witnesses: Geo. Bernhard, A. L. Feinberg.

Chemist: S. A. Lattimore.

CASE No. 7.

Supreme Court, Monroe County, N. Y.

Action discontinued by attorney for the people, the defendant having put the premises in good sanitary condition.

Attorney: W. W. Armstrong.

Witnesses: Geo. Bernhard, Jos. M. Quigley, Dr. A. L. Haines.

This action was for keeping cows in a crowded or unhealthy condition.

The results following prosecution of cases like this last mentioned have been most satisfactory, resulting in the betterment of conditions throughout whole neighborhoods.

I wish to bear testimony to the fact that the great majority of producers and dealers in agricultural products seem anxious to aid the officers of the Department in their efforts to secure a compliance with the provisions of the agricultural law.

Permit me to commend the prompt services rendered by Dr. Samuel A. Lattimore, chemist, the painstaking labor performed by the agents of the Department assigned to duty in this Division, also the attention given by the representative of the Attorney-General to charges brought against violators of the law.

Thanking you for your timely advice and counsel, which have so greatly aided me in my efforts to secure to producers, manufacturers, dealers and consumers the benefits which I believe should come through the work of the Department under my direction, I am,

Very respectfully yours,

WM. T. HUGHES,

Assistant Commissioner.

Report of Asa L. Twitchell.

Hon. CHARLES A. WIETING, *Commissioner of Agriculture,
Albany, N. Y.:*

Dear Sir—As Assistant Commissioner for the ninth division, comprising the counties of Erie, Niagara and Orleans, I submit to you this, my third annual report, for the year ending September 30, 1898:

The year has been an exceedingly busy one for all, and by constant study we are becoming more proficient in the different lines, which accounts in a measure for the large increase in the number of milk cases.

We have done very little work during the summer under the new laws of 1898 relative to maple sugar and syrup, linseed oil, Paris green and the sale and transportation of calves (bob-veal law) more than to giving warning and get the people acquainted with their provisions preparatory to making a lively crusade the coming winter and spring, when there is more work to be done under each. I believe these laws will be of great benefit to all consumers and honest producers and stop a large amount of damage in their sale by unprincipled dealers.

I wish to make special mention of our chemist, Dr. John A. Miller, Ph.D. (Berlin), who has analyzed all our samples (over three hundred), for his painstaking work in all lines. I append his report on a milk preservative, found in this market, called "Freezine." Also on a mixture for thickening cream, called "Cream Albumnoid." The latter is a great fraud, to say the least, for it is used to make people believe they are buying a much richer cream than they really are. I think the use of it has only just commenced in this section, but we will have to keep a sharp lookout for it in the future. Both preparations come from Chicago.

Vinegar.

The agents in this division have tested one thousand five hundred and twenty-five (1,525) barrels of vinegar during the past year and have found only a few cases below the standard, showing that there has been a great improvement in the vinegar in this market.

There were three cases pending when I made my report last year and they have been disposed of as follows:

No. 689.

Defendant left the State soon after sample was taken and the case was held for over a year. On November 20, 1897, we found he was in Buffalo and Judge Thomas S. King, P. J., issued a warrant November 22, 1897. Defendant was arraigned, plead guilty and fined \$25.

No. 708.

Action discontinued.

No. 706.

Action discontinued upon payment by defendant of \$25 penalty and costs.

Counsel: E. O. Farrar.

Witnesses: Wm. B. Reading and John J. Coughlin.

Following are the cases for this year:

No. 2208.

Action begun for penalty and discontinued.

Chester W. Chapin, counsel.

Sample taken by C. J. Standart and M. Galligan.

No. 2207.

Action begun in Supreme Court for penalty and discontinued upon payment by defendant of \$80 penalty and \$30 costs.

Chester W. Chapin, counsel.

Sample taken by C. J. Standart and M. Galligan.

No. 2355.

Samples taken by A. S. Delano and Chas. A. Warren.

Action pending.

No. 2204.

Sample taken by C. J. Standart and M. Galligan,

Action pending.

Care and Feed of Cows.

I have found just outside of Buffalo, in surrounding towns, where the milk can be drawn into the city with teams, a very bad condition of affairs in regard to the care and feed of cows. In many cases they were kept in very close and poorly ventilated stables, without light, and fed on the waste products of the city (distillery waste, etc.). We have visited these places and urged better feed, more light and room for the cows and in most cases our requests have been complied with and we have seen a marked improvement, but in five cases we found it necessary to recommend an action for feeding distillery waste:

CASES.

People v. John Henburch.

People v. Vincent Lackowski.

People v. Theodore Cieslikowski.

People v. John Smithbower.

People v. Henry Rettig.

Mr. Hugo S. Kiene was appointed counsel, and action was brought in the first four cases before Joseph Foster, J. P., in Cheektowaga. All were arrested, plead guilty and were fined \$25 each.

Action was begun for penalty against Henry Rettig, and settlement made in full for \$25.

Witnesses: John J. Coughlin and William B. Reading.

I believe this field one of the best in which to extend our work, and it ought to be followed up closely, near all large cities.

Oleomargarine.

We have kept watch for this at freight offices, express offices, boarding-houses and hotels, but have not found a single sample, and I believe it has been driven out of this market; but if the price of butter advances there are people who will try to handle it.

Domestic Animals.

There has not been a single complaint of contagious disease among domestic animals this year.

Milk.

A large part of our time is taken up in milk inspection in Buffalo and other cities, villages, cheese factories, creameries and shipping stations.

Buffalo alone has about seven hundred retail dealers, and I find that the milk is handled different here than it is in most large cities, in that there are very few wholesale dealers, nearly every peddler going into the country and making a contract with some producer or producers for a certain number of cans per day for a year, all contracts ending May 1st of each year.

The price for the present year has been the lowest on record, netting the farmers only eight and one-third cents per gallon. I find this system to be a very bad one for the farmers, as many times they sell to irresponsible dealers and lose a large part of their hard-earned money.

I find that the amount of milk used in Buffalo is steadily on the increase and for the last year has been 9,996,228 gallons, which was received from the following sources of delivery:

West Shore railroad.....	123,426
New York Central railroad.....	608,373
Delaware, Lackawana & Western railroad.....	1,006,740
Lake Shore railroad.....	13,248
Lehigh Valley railroad.....	289,230
B. R. & P. railroad.....	736,585
W. N. Y. & P. railroad.....	1,862,626
Erie and branches (estimated).....	2,336,000
By express	100,000
Teams	2,920,000

The Erie people refused to give us a statement and their amount was estimated from about the number of cans received each day.

I think the amount of money paid to farmers in this division for crude milk is over \$1,200,000.

The new law passed last winter, relative to taking samples of milk direct from the herd, when the producer's milk is found below the standard, makes a great deal of extra work and expense, but I believe it to be a just law and working to the credit of the Department, as it removes the thought from the people that their neighbor is being prosecuted without any chance to vindicate himself. But I find it very important that the agents be on the alert when watching the milking, or they will be deceived either by the cows not being milked clean or having a pail of water hid in the stable that is liable to get mixed with the milk.

We had one case where a certain Holstein cow gave a large pail of milk, as was thought, and the agent thought he would test that separate, and was surprised to find a temperature of only eighty degrees, with a lactometer standing at sixty, and the man who watched the milking thought he had seen all that was done. This

was among the first cases of testing the herds, and the agents soon found they had to keep a very close watch of *all* during the milking. I will add that the cows above-mentioned gave only about half the quantity the next night.

I wish to urge the importance of a law stopping the sale of skimmed and whole milk from the same wagon. I cannot urge the necessity of this too strongly, as I find men who carry *both* are liable to mix them together when they think the inspectors are not around. In fact, I have known them to stop in front of some tenement house, look around and, not seeing an inspector, fill their peddling can from both kinds of milk. I would not stop the sale of skimmed milk entirely, because there are many poor families who cannot afford to use the other. I would also fix a standard for the solids in skimmed milk.

I find that the agents of this Department have tested 34,112 cans of milk during the past year, and have examined 2,424 others. The work performed by each man in this line is as follows:

M. Galligan tested.....	7,128 cans
C. J. Standart tested.....	6,784 cans
John J. Coughlin tested.....	5,895 cans
John R. Earl examined and tested.....	5,910 cans
Chas. G. Warren tested.....	5,910 cans
Wm. B. Reading tested.....	4,909 cans

Total	36,536 cans
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We have been doing more systematic work than ever before in looking after the shippers to Buffalo, the cheese factories and creameries. In many of the factories we have made a Babcock test of each patron's milk. I find that this has been very instructive to the agents, as well as to the proprietors and patrons, and I hope the time will soon come when the Babcock test will be used as a basis for all dividends.

The milk cases made during the year are 139, classified as follows:

Peddlers in Buffalo	63
Shippers to Buffalo	25
Producers peddling their own milk in Buffalo	15
Peddlers and producers in other cities and villages	14
Cheese factories and creameries	32
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Total	139
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There are many cases yet pending, as I find that we can look after the prosecution much better in winter than in summer when the men are all at work, and many times when out in the country, it is difficult to get them just when they are wanted.

Prosecutions.

No. 6064.

Warrant issued by Hon. Thomas S. King, P. J., January 8, 1898; defendant arraigned and plead guilty January 10, 1898; fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan, C. J. Standart.

No. 6081.

Warrant issued by Hon. Thomas S. King, P. J., January 8, 1898; defendant arraigned and plead guilty January 10, 1898; fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6082.

Warrant issued by Hon. Thomas S. King, P. J., February 23, 1898; defendant arraigned on same day and fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6086.

Action for penalty begun in the Supreme Court January 14, 1898; compromised for \$65, in full, for penalty and costs.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6092.

Warrant issued by Hon. Thomas S. King, P. J., January 10, 1898; defendant arraigned January 11th; plead guilty; fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6182.

Warrant issued by Hon. Thomas S. King, P. J., February 26, 1898; defendant arraigned February 28th; plead guilty; fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6158.

Action for penalty begun in the Supreme Court February 1, 1898; counsel compromised for \$50 penalty and \$15 costs.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6180.

Warrant issued by Hon. Thomas S. King, P. J., February 26, 1898; defendant arraigned; plead guilty; fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6207.

Warrant issued by Hon. Thomas S. King, P. J., February 24, 1898; defendant plead guilty; fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6212.

Action for penalty begun in the Supreme Court; counsel settled for \$50.

Counsel: Chester W. Chapin.

Witnesses: M. Galligan and C. J. Standart.

No. 6234.

Action begun in the Supreme Court March 8, 1898; counsel settled for \$50 penalty and \$17 costs.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6235.

Warrant issued by Hon. Thomas S. King, P. J., May 17, 1898; defendant arraigned; plead guilty; fined \$25.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 6246.

Warrant issued by Hon. Thomas S. King, P. J., April 28, 1898;
defendant arraigned; plead guilty; fined \$25 April 29, 1898.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 4739.

Warrant issued by Hon. Thomas S. King, P. J., April 26, 1898;
defendant arrested April 28, 1898; arraigned; plead guilty;
fined, \$25.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 4749.

Warrant issued by Hon. Thomas S. King, P. J., May 13, 1898;
defendant arraigned; plead guilty; fined \$25.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 6553.

Warrant issued by Hon. Thomas S. King, P. J., May 5, 1898;
defendant appeared May 6, 1898, adjourned to June 2, 1898, and
again to June 3, 1898, when he plead guilty and was fined \$25.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 6566.

Action for penalty begun in the Supreme Court; counsel settled
for \$50.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6558.

Warrant issued by Hon. Thomas S. King, P. J., June 8, 1898;
defendant arraigned, plead guilty and fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6569.

Warrant issued by Hon. Thomas S. King, P. J., June 10, 1898;
defendant plead guilty and was fined \$25.

Counsel Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6572.

Warrant issued by Hon. Thomas S. King, P. J., July 8, 1898:
defendant arraigned, convicted, and fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6577.

Action for penalty begun in the Supreme Court; counsel settled
for \$75.

Counsel: Chester W. Chapin.

Witnesses: M. Galligan and C. J. Standart.

No. 6585.

Action for penalty begun in the Supreme Court; counsel settled
for \$75.

Counsel: Chester W. Chapin.

Witnesses: M. Galligan and C. J. Standart.

No. 6646.

Warrant issued by Hon. Thomas S. King, P. J., July 14, 1898;
defendant arraigned July 15th; plead guilty and fined \$25.

Counsel: E. R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 6803.

Warrant issued by Hon. Thomas S. King, P. J., July 12, 1898;
defendant arraigned July 14th; plead guilty and fined \$25.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 6807.

Action for penalty begun in the Supreme Court; counsel settled
for \$78.40.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 6808.

Action begun in the Supreme Court; settled for \$50 penalty,
and \$28.40 costs.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 6812.

Action begun in the Supreme Court; July 9, 1898, counsel
settled case for \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6813.

Warrant issued by Hon. Thomas S. King, P. J., July 11, 1898; defendant arrested, plead guilty and fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6817.

Action begun in the Supreme Court; counsel settled with defendant for \$50.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6819.

Action begun in the Supreme Court, July 7, 1898; September 10th, counsel settled for \$50, in full of penalty, and costs.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6820.

Action begun in the Supreme Court; counsel settled for \$25 penalty, and \$14.22 costs.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 6827.

Action for penalty begun in the Supreme Court; counsel settled case for \$25 penalty and \$14.22 costs.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 6833.

Warrant issued by Hon. Thomas S. King, P. J., July 7, 1898; plead guilty, and fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 6834.

Action begun in the Supreme Court, September 12, 1898; counsel settled in full for \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

This was a skimmed milk case.

No. 6677.

Action begun in the Supreme Court; counsel settled the case in full for \$50.

Counsel: Chester W. Chapin.

Witnesses: M. Galligan and C. J. Standart.

No. 6696.

In Assistant Commissioner Beebe's division, and case turned over to him.

No. 6700.

Action begun in the Supreme Court; counsel settled for \$56.36 in full of penalty and costs.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 6706.

Action begun in the Supreme Court; counsel settled for \$47.20 in full of penalty and costs.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

No. 6557.

Civil action begun for penalty; counsel settled for \$41 in full of penalty and costs.

Counsel: Edward R. O'Malley.

Witnesses: M. Galligan and C. J. Standart.

This was a skimmed milk case.

No. 6224

Action begun in the Supreme Court, June 6, 1898; June 13th counsel settled for \$50 in full of penalty and costs.

Counsel: Hugo S. Kiene.

Witnesses: J. J. Coughlin and C. J. Standart.

No. 6225.

Action for penalty begun in the Supreme Court, June 7, 1898; counsel settled in full for \$50.

Counsel: Hugo S. Kiene.

Witnesses: Wm. B. Reading and J. J. Coughlin.

No. 6842.

Warrant issued by Hon. Thomas S. King, September 21, 1898; September 30th defendant plead guilty and was fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: Wm. B. Reading and J. J. Coughlin.

No. 6069.

Action for penalty begun in the Supreme Court; counsel settled for \$65 in full of penalty and costs.

Counsel: Hugo S. Kiene.

Witnesses: J. J. Coughlin and C. J. Standart.

No. 6226.

Action for penalty begun in the Supreme Court; judgment for \$100 taken by default; execution returned unsatisfied.

Counsel: Edward R. O'Malley.

Witnesses: J. J. Coughlin and C. A. Warren.

No. 6584.

Action for penalty begun in the Supreme Court, June 6, 1898; counsel settled case for \$25.

Counsel: Hugo S. Kiene.

Witnesses: J. J. Coughlin and Wm. B. Reading.

No. 6626.

Action for penalty begun in the Supreme Court; defendant paid penalty and costs of \$125.

Counsel: Chester W. Chapin.

Witnesses: J. J. Coughlin and C. A. Warren.

No. 6847.

Action begun in the Supreme Court, September 19, 1898; September 20th settled in full for \$25.

Counsel: Hugo S. Kiene.

Witnesses: J. J. Coughlin and Wm. B. Reading.

No. 6664.

Warrant issued by Hon. Thomas S. King, P. J., September 3, 1898; defendant arrested September 6th, arraigned, plead guilty and was fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: J. J. Coughlin and Wm. B. Reading.

No. 6056.

Action begun in the Supreme Court, January 7, 1898; counsel settled for \$65 in full of penalty and costs.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 6055.

Warrant issued by Hon. Thomas S. King, P. J., January 12, 1898; defendant arraigned January 13th, plead guilty, and was fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 6089.

Warrant issued by Hon. Thomas S. King, P. J., January 12, 1898; defendant arraigned January 14th, plead guilty, and fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 6091.

Action begun in the Supreme Court; counsel settled for \$30.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 6162.

Warrant issued by Hon. Thomas S. King, P. J., February 16, 1898; defendant arraigned February 17th, plead guilty, and was fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 6183.

Warrant issued by Hon. Thomas S. King, P. J., February 14, 1898; defendant arraigned February 15th, plead guilty, and was fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 6165.

Action begun in the Supreme Court of Niagara county; counsel settled for \$60.

Counsel: Wm. H. Vicary.

Witnesses: C. A. Warren and John R. Earl.

No. 6164.

Action begun in the Supreme Court; counsel compromised for \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 6239.

Warrant issued by Hon. Thomas S. King, P. J., May 3, 1898; case adjourned to May 11th; again to May 17th; and again to May 24th; defendant tried, found guilty and fined \$25.

Counsel: Edward R. O'Malley.

Witnesses: C. A. Warren and John R. Earl.

No. 6551.

Action begun in the Supreme Court of Niagara county; counsel settled for \$75.

Counsel: Wm. H. Vicary.

Witnesses: C. A. Warren and John R. Earl.

No. 4737.

Action for penalty begun in Supreme Court of Niagara county; counsel settled for \$115, including costs.

Counsel: Wm. H. Vicary.

Witnesses: C. A. Warren and John R. Earl.

No. 4745.

Counsel settled for \$25.

Counsel: Wm. H. Vicary.

Witnesses: C. A. Warren and John R. Earl.

No. 6580.

Action begun in the Supreme Court; counsel settled for \$80.

Counsel: Wm. H. Vicary.

Witnesses: C. A. Warren and John R. Earl.

No. 6582.

Action begun in the Supreme Court and settled for \$35.

Counsel: Chester W. Chapin.

Witnesses: C. A. Warren and John R. Earl.

No. 6602.

Warrant issued by Hon. Thomas S. King, P. J., September 9, 1898; defendant arraigned, plead guilty, and was fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 6837.

Action begun in the Supreme Court; settled for \$50.

Counsel: Wm. H. Vicary.

Witnesses: C. A. Warren and John R. Earl.

No. 6849.

Action for penalty begun in Supreme Court, Niagara county; action discontinued.

Counsel: Wm. H. Vicary.

Witnesses: C. A. Warren and John R. Earl.

No. 6854.

Action for penalty begun in the Supreme Court; counsel settled for \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

This was a watered and skimmed milk case.

No. 6698.

Action for penalty begun in the Supreme Court; settled for \$51.50.

Counsel: Wm. H. Vicary.

Witnesses: C. A. Warren and John R. Earl.

No. 6695.

Action for penalty begun in the Supreme Court; settled for \$35.

Counsel: Chester W. Chapin.

Witnesses: C. A. Warren and John R. Earl.

No. 6074.

Warrant issued by Thomas S. King, P. J., January 10, 1898; defendant arraigned and plead guilty, January 11th; fined \$25.

Counsel: Hugo S. Kiene.

No. 6181.

Counsel deemed action unadvisable, as the producer who furnished this man the milk, admitted that she watered it.

Counsel: Chester W. Chapin.

Witnesses: M. Galligan and C. J. Standart.

No. 6210.

Counsel deemed action unadvisable, as producer admitted watering the milk and paid a penalty.

Counsel: Chester W. Chapin.

Witnesses: M. Galligan and C. J. Standart.

CASES PENDING.

Numbers: 6570, 6612, 6615, 6637, 6638, 6641, 6212, 6672, 6752, 6767, 6766, 7086, 7094, 7099, 7096, 7092, 7212, 7239, 7237, 7555, 7553, 7090, 7209, 7214, 7215, 7218, 7244, 7511, 7524, 6818, 6829, 6751, 6775, 6776, 7247, 7516, 7533, 6215, 6701, 6702, 6769, 7056, 7058, 7071, 7095, 7208, 7230, 7231, 7232, 7233, 7234, 6624, 6603, 6713, 6754, 6787, 6780, 7063, 7065, 7062, 7069, 7077, 7078, 7203, 7079, 7087, 7518 and 7520.

The milk cases pending October 1, 1897, have been disposed of as follows:

No. 5250.

Defendant left Buffalo and cannot be found.

No. 4890.

Warrant issued in Holly, November 11, 1897, by Justice Porter; defendant arrested, arraigned, plead guilty and was fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 5275.

Warrant issued by Hon. Thomas S. King, P. J., November 27, 1897; defendant arraigned, plead guilty and was fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 3885.

Warrant issued by Hon. Thomas S. King, P. J., November 20, 1897; defendant arraigned November 22d, plead guilty and was fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 5277.

Warrant issued by Hon. Thomas S. King, P. J., November 27, 1897; defendant arrested, arraigned, plead guilty and was fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 3858.

Warrant issued by Hon. Thomas S. King, P. J., November 19, 1897; defendant arrested, arraigned November 20th, plead guilty, fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 5264.

Warrant issued by Hon. Thomas S. King, P. J., November 18, 1897; defendant arrested and arraigned November 20th, plead guilty, fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 3853.

Warrant issued by Hon. Thomas S. King, P. J., November 18, 1897; defendant arraigned November 20th, plead guilty, fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 5267.

Warrant issued by Hon. Thomas S. King, P. J., November 18, 1897; defendant arraigned, plead guilty November 19th, fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 2776.

Action begun in the Supreme Court, November 20, 1897, and compromised by counsel in full for \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 5220.

Warrant issued by Judge Erastus M. Spaulding, in Albion, Orleans county, November 13, 1897; defendant arrested, arraigned and plead guilty, and fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 5237.

Action begun in Supreme Court, August 31, 1897, and settled for \$30.

Counsel: Hugo S. Kiene.

Witnesses: Wm. Reading and J. J. Coughlin.

No. 4895.

Warrant issued by John W. Miller, justice of the peace, in Clarendon, Orleans county, November 15, 1897; defendant arrested, arraigneded, plead guilty and fined \$25.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 4889.

Action begun in the Supreme Court, November 15, 1897; settled for \$100.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 5248.

Action begun in the Supreme Court, September 15, 1897; settled for \$30.

Counsel: Hugo S. Kiene.

Witnesses: J. J. Coughlin and M. Galligan.

No. 5290.

Action begun in the Supreme Court, January 18, 1898; settled for \$65.

Counsel: Hugo S. Kiene.

Witnesses: M. Galligan and C. J. Standart.

No. 5268.

Action begun in the Supreme Court, November 18, 1897;
settled in full by counsel for \$50.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

No. 5259.

Action begun in the Supreme Court, September 7, 1897; settled for \$30.

Counsel: Hugo S. Kiene.

Witnesses: C. A. Warren and John R. Earl.

REPORT OF JOHN A. MILLER, Ph.D.

MR. ASA L. TWICHELL, *Assistant Commissioner of Agriculture*:

Dear Sir.—Some little time since, you placed in my hands, for analysis, a sample of preservative, labeled "Freezine" (Trade-mark registered) "The only scientific invention for keeping milk and cream sweet without ice."

"Freezine will keep milk, cream and buttermilk sweet in the warmest weather, and also during thunderstorms, without the use of ice or cold storage." "Cheaper and more reliable than ice. Tasteless. Healthful. Convenient to use."

"Invented and manufactured only by B. Heller and Company, Chemists, Chicago, U. S. A."

"THE ADVANTAGES.

"The advantage that we claim for Freezine is the manner in which it affects the bacteria and keeps the milk and cream sweet, and that it *cannot be detected when used*, as it does not change or affect the appearance, color or taste of milk or cream.

"Freezine is *perfectly harmless* and is not injurious to the human system, as it freezes the bacteria and evaporates quickly, leaving the milk in a perfectly wholesome condition.

"It is much cheaper to use *Freezine* than ice and is less work."

"DIRECTIONS FOR USE.

"For milk, use about one tablespoonful of Freezine to every ten-gallon can. This quantity will keep the milk sweet and in good condition, without the use of ice, for forty-eight hours.

"For cream and buttermilk, increase quantity one-half."

Freezine is a yellowish-tinted fluid, of pungent odor, having a specific gravity of 1.0118. Reaction slightly acid. The chemical examination shows it to consist of 3.44 per cent of formic aldehyde dissolved in water.

The use of aqueous solutions of formic aldehyde, commercially known as "formalin as a preservative for milk," is by no means new, it having been used in Europe for several years. The eventual use of this substance by the dairymen and milk dealers of New York State was anticipated by me in my report for 1895 to the Department of Agriculture, on the detection of "Formalin in Milk."

The statement that it cannot be detected is false and misleading, as there is comparatively little difficulty in detecting it, even when added in the proportion of 1 part of formic aldehyde to 50,000 parts of milk. There are a number of tests for the detection of formalin in milk, only one of which is applicable directly to the milk. If to 5 or 10 cubic centimeters of milk be added 1 or 2 drops of a 10 per cent solution of phloroglucin and then about 2 cubic centimeters of an aqueous solution of potassium hydroxide and the whole thoroughly mixed, a red color will be produced in the presence of formic aldehyde. This test makes a very good preliminary test, and if desired could be used by the agents of the Department.

The physiological action of formic aldehyde, or its action upon foodstuffs, is a question of vital importance in reference to the advisability of using it for the preservation of foodstuffs in general.

The literature on the subject is very meager, very little work having been done, so far as I have been able to find, upon this question. The general opinion is that it interferes with digestion.

T. Weigle and S. Merkel, in an article in *Chem. Zeit. Rep.* for 1895, on "The Action of Formalin on Foodstuffs," says: "One part of formalin in 5,000 of milk will preserve the sample for 100 hours at 25 degrees C. The albuminoids in milk are rendered insoluble in a mixture of sulphuric and acetic acids by formaldehyde; furthermore, the casein can only be precipitated in thick clots from milk containing formalin, not in the fine flocculent condition in which it is precipitated from normal milk. Formaldehyde renders the albuminoids of milk less digestible; the casein of samples containing 1 part of formalin in 500 was insoluble in pepsin and hydrochloric acid."

While it must be admitted that 1 part of formalin to 500 parts of milk is a large proportion, nevertheless it appears rational that if this amount will absolutely prevent solution, that smaller proportions will interfere with and hinder the performance of the normal functions of digestion. The fact that the casein is thrown down in thick clots instead of a fine, flocculent condition would cause a greater expenditure of energy in the digestion of the casein and this might produce injurious results in stomachs in which peptic digestion was not thoroughly developed or in those in which digestion was impaired by disease.

"CREAM-ALBUMINOID."

A sample of cream-albuminoid has also been placed in my hands for analysis. The material thus labeled is manufactured by the Preservaline Manufacturing Co. of Chicago, Ill.

"DIRECTIONS FOR USE."

"Add at the rate of 1 pound cream-albuminoid to 3 quarts of cold water in a tin dish or saucepan; allow to soak for 5 minutes, then heat gently; on being heated, the cream-albuminoid will dissolve into a thin fluid.

"To heat the cream-albuminoid properly, it must not be placed directly over or on a stove, but the dish containing the cream-albuminoid should be placed into a larger one, half-filled with boiling water; stir the cream-albuminoid until it is all dissolved,

which takes only a few minutes. Care should be taken not to let any of the boiling water from the larger vessel fall into the dish containing the cream-albuminoid. When the cream-albuminoid is all dissolved, pour it slowly into 10 gallons of thin cream, mixing it well with the cream. After it has all been added, stir the cream for several minutes to thoroughly incorporate the cream-albuminoid with the cream. Let the cream stand undisturbed for 6 to 8 hours, *then stir well again*. It is now ready for immediate use. Use 1 pound cream-albuminoid for every 10 to 12 gallons thin cream, or in that proportion. "When cream is prepared with cream-albuminoid it will 'whip-up' most beautifully. This is a very essential point, especially for cream made by separator process; separator cream, as a rule, does not whip well, but when cream-albuminoid is used, separator cream whips as fine as skimmed or gravity cream. Cream-albuminoid keeps the cream perfectly sweet for 5 to 7 days."

To one who carefully reads the above directions for use, it is quite apparent that "cream-albuminoid" is possessed of two important characteristics—the one of preservation of the cream, and the other the power to convert a thin cream into rich, thick and more desirable cream.

The chemical analysis proves this supposition to be correct, as cream-albuminoid contains:

Boric acid	49.21
Borax	6.47
Benzoic acid	3.80
Gelatine	40.15

The three first constituents are preservative in character, boric acid and borax being the principal ingredients of preservaline. The detection of these two substances is easy of performance, and is known to every well-trained chemist. The gelatine which the cream-albuminoid contains is intended for the purpose of giving a thin cream consistency, in other words, of rendering it more thick.

The use of gelatine is by no means an innovation as it has been used, without the addition of preservatives, in England, for some

little time. Its detection in cream presents, at first sight, a rather difficult problem, but upon investigation, this difficulty is soon removed and its detection becomes a matter of manipulative skill and experience.

A. W. Stokes, who first called the attention of British analysts to possible presence of gelatine in cream, gives the following process for its detection: "An acid solution of mercuric nitrate is prepared by dissolving some mercury in twice its weight of nitric acid of 1.42 specific gravity, and diluting this solution to 25 times its bulk by the addition of water. Ten cubic-centimeter-measure of the milk or cream to be examined is mixed with an equal volume of the acid mercuric nitrate solution, the mixture shaken, and then 20 cubic centimeters of water added. The liquid is again shaken, allowed to stand for 5 minutes and then filtered. In the presence of much gelatine the filtrate will be opalescent, and cannot be obtained quite clear. To a portion of the filtrate, contained in a test tube, an equal bulk of a saturated aqueous solution of picric acid is added. A yellow precipitate will be produced in the presence of any considerable amount of gelatine, while smaller quantities will be indicated by the cloudiness produced with the picric acid solution. This cloudiness can be best observed on a dark background. In the absence of gelatine the filtrate obtained will be perfectly clear, and will be unaffected by adding picric acid."

I have carefully tested this method, using cream-albuminoid in the place of pure gelatine, and find that it is perfectly reliable. Using cream-albuminoid in the proportion of 1 pound to 12 gallons of milk, I found that after treatment with acid mercuric nitrate solution and filtration, that the filtrate was somewhat opalescent and upon the addition of an equal bulk of picric acid solution a copious precipitate was obtained. A blank determination upon pure milk gave a perfectly clear filtrate and no precipitation with picric acid. Attempts to substitute acetic acid for acid mercuric nitrate as a precipitant for the proteids of the milk resulted in failure to remove

all the proteids, and consequently in the formation of a precipitate upon the addition of picric acid to the filtrate from a sample of pure milk.

Very respectfully yours,

JOHN A. MILLER, Ph.D. (Berlin).

Chemist.

In conclusion, I wish to express my thanks to all the agents in this Department for their hearty co-operation. Also to the proprietors of cheese factories and creameries who have, at all times, been ready to help us.

And I wish especially to thank the Hon. Thomas S. King, police justice of Buffalo, for his very courteous treatment.

Truly yours,

ASA L. TWITCHELL,

Assistant Commissioner.

Report of James P. Clark.

HON. CHARLES A. WIETING, *Commissioner of Agriculture*:

Dear Sir.—I have the honor herewith to submit my report of the work performed in the tenth division of the Department of Agriculture, for the year ending September 30, 1898:

Amendments to the agricultural law which were advocated by you and were passed during the last session of the Legislature have been productive of good results. The one known as “the bob veal law” had an immediate and decided effect in suppressing the sale of that commodity.

The law requiring agents of the Department, where samples of milk are taken with a view of prosecution, to take samples of the mixed milk of the herd, watching the milking to insure the purity of the samples, has increased the confidence of all interested parties, in the justice of the prosecutions, eliminated the danger of bringing unjust accusations against innocent parties, enabled the agents to follow closer to the line of pure milk in taking suspicious samples, and placed this branch of the work in much better favor.

Attendance at and interest in Farmers’ Institutes held in this division during the past winter, has exceeded that of past years. This fact and the greater profits secured by those farmers who have the enterprise and courage to put into execution methods advocated at these meetings by the teachers, would seem to warrant increased appropriations for this work.

An agent of the Department visited this division during the summer for the purpose of inspecting the nurseries in search of the dreaded San José scale. But I think very little of that disease has as yet obtained a foothold in this part of the State, and it is hoped that your energetic efforts will succeed in its final eradication. Certainly no more worthy appropriations can be made by our

Legislature, than those made for the preservation of our fruit and ornamental trees and shrubs, and of our forests.

Since it is possible with a very rich milk, to practice some adulteration, both by skimming and watering, without bringing the analysis below the standard fixed by statute, it would seem desirable that a maximum difference, between the analysis of a suspicious sample, taken where the milk is offered for sale or exchange, and the analysis of a sample of pure milk from the mixed milk of the same herd, should be fixed by statute, thereby enabling the Department to bring action for the actual adulteration of milk whether below the present standard or not.

There is an increasing demand in this part of the State for something in the way of pure food laws, especially regulating the adulteration of flour and such other mill products as are used as food for the human family and for animals.

The constant vigilance and skill exercised by the agents in this division in detecting undesirable odors and flavors in milk, and their admonitions and instructions to those farmers who are careless about the care of the same, have brought about a steady improvement in the condition of that which is delivered for manufacture, and farmers are becoming more to realize that success in co-operative butter and cheese making lies in the individual efforts of each patron, especially in so caring for milk that it reaches the factory in the best possible condition, thereby insuring the finest quality of products and the highest market price.

The cases reported at the close of last year have been disposed of as follows:

VINEGAR.

LABEL No. 426.

Penalty of \$25 paid by the Northeast Cider Co., Northeast, Penn., manufacturers of the goods.

Counsel: Fred L. Eaton.

Witnesses: C. B. Wakefield, W. J. Corbett.

LABEL No. 424.

Penalty of \$25 paid by the Northeast Cider Co., Northeast, Penn., manufacturers of the goods.

Counsel: Fred L. Eaton.

Witnesses: C. B. Wakefield, W. J. Corbett.

LABEL No. 425.

Penalty of \$25 paid for the defendant by the Northeast Cider Co., Northeast, Penn., manufacturers of the goods.

Counsel: Fred L. Eaton.

Witnesses: C. B. Wakefield, W. J. Corbett.

LABEL No. 447.

Penalty of \$25 paid for the defendant by the Northeast Cider Co., Northeast, Penn., manufacturers of the goods.

Counsel: Fred L. Eaton.

Witnesses: C. B. Wakefield, W. J. Corbett.

LABEL No. 448.

Penalty of \$25 paid for the defendant by the Northeast Cider Co., Northeast, Penn., manufacturers of the goods.

Counsel: Fred L. Eaton.

Witnesses: C. B. Wakefield, W. J. Corbett.

MILK.

LABEL No. 3301.

Penalty of \$40 paid by the defendant.

Counsel: Fred L. Eaton.

Witnesses: C. B. Wakefield, J. P. Clark.

LABEL No. 3261.

Penalty of \$40 paid by the defendant.

Counsel: Fred L. Eaton.

Witnesses: W. J. Corbett, J. P. Clark.

LABEL No. 3309.

Penalty of \$35 paid by the defendant.

Counsel: Fred L. Eaton.

Witnesses: C. B. Wakefield, J. P. Clark.

LABEL No. 3303.

Penalty of \$50 paid by the defendant.

Counsel: Fred L. Eaton.

Witnesses: C. B. Wakefield, J. P. Clark.

LABEL No. 3311.

On account of age, sickness and poverty of the defendant, the counsel thought best not to prosecute the case.

Counsel: Fred. A. Robbins.

Witness: C. B. Wakefield.

LABEL No. 3263.

Penalty of \$50 paid by the defendant.

Counsel: Fred. A. Robbins.

Witness: C. B. Wakefield.

LABEL No. 3318.

Penalty of \$30 paid by the defendant.

Counsel: Fred. A. Robbins.

Witness: C. B. Wakefield.

LABEL No. 3291.

Still in the hands of the attorney.

Counsel: Fred. A. Robbins.

Witness: C. B. Wakefield.

LABEL No. 3392.

Still in the hands of the attorney.

Counsel: Fred. A. Robbins.

Witness: C. B. Wakefield.

LABEL No. 3290.

Penalty of \$25 paid by the defendant.

Counsel: Fred. A. Robbins.

Witness: C. B. Wakefield.

LABEL No. 3288.

Penalty of \$50 paid by the defendant.

Counsel: Fred. A. Robbins.

Witness: C. B. Wakefield.

The following cases have been taken during the year:

MILK.

LABEL No. 3289.

Penalty of \$50 paid by the defendant.

Counsel: Fred. A. Robbins.

Witness: C. B. Wakefield.

LABEL No. 5901.

Penalty of \$25 paid by the defendant.

Counsel: Fred. A. Robbins.

Witness: C. B. Wakefield.

LABEL No. 5905.

Still in the hands of the attorney.

Counsel: Fred. A. Robbins.

Witness: C. B. Wakefield.

LABEL No. 5909.

Still in the hands of the attorney.

Counsel: Fred. A. Robbins.

Witness: C. B. Wakefield.

LABEL No. 5926.

Penalty and costs, \$65, paid by the defendant.

Counsel: G. J. Dikeman.

Witness: J. P. Clark.

LABEL No. 3315.

Penalty of \$25 paid by the defendant.

Counsel: G. W. Cole.

Witness: C. B. Wakefield.

LABEL No. 3283.

Penalty of \$30 paid by the defendant.

Counsel: G. W. Cole.

Witness: John E. Kruse.

LABEL No. 3282.

Penalty of \$40 paid by the defendant.

Counsel: G. W. Cole.

Witness: John E. Kruse.

LABEL No. 1070.

Penalty of \$40 paid by the defendant.

Counsel: G. W. Cole.

Witness: John E. Kruse.

LABEL No. 3281.

Penalty of \$125 paid with Case No. 3285.

Counsel: G. W. Cole.

Witnesses: John E. Kruse, J. P. Clark.

LABEL No. 3285.

Penalty of \$125 paid with Case No. 3281.

Counsel: G. W. Cole.

Witnesses: John E. Kruse, J. P. Clark.

LABEL No. 5915.

Penalty of \$15 paid by the defendant.

Counsel: G. W. Cole.

Witnesses: John E. Kruse, C. B. Wakefield.

LABEL No. 3279.

Still in the hands of the attorney.

Counsel: G. W. Cole.

Witness: John E. Kruse.

VINEGAR.

LABEL No. 2104.

Penalty of \$25 and costs, \$15, paid by the defendant.

Counsel: G. J. Dikeman.

Witnesses: C. B. Wakefield, John E. Kruse.

LABEL No. 2108.

Penalty of \$25 and costs, \$15, paid by the defendant.

Counsel: G. J. Dikeman.

Witnesses: C. B. Wakefield, John E. Kruse.

LABEL No. 2102.

As none of the goods had been sold, counsel thought best not to bring an action.

Counsel: G. J. Dikeman.

Witnesses: C. B. Wakefield, John E. Kruse.

LABEL No. 2107.

Still in the hands of the attorney.

Counsel: G. J. Dikeman.

Witnesses: C. B. Wakefield, John E. Kruse.

LABEL No. 439.

Compromised with Cases 440 and 423. Penalty of \$200 paid by the manufacturer, A. Reynolds, of Russell, Penn.

Counsel: G. W. Cole.

Witnesses: C. B. Wakefield, John E. Kruse.

LABEL No. 440.

Compromised with Cases Nos. 439 and 423.

Counsel: G. W. Cole.

Witnesses: C. B. Wakefield, John E. Kruse.

LABEL No. 423.

Compromised with Cases Nos. 440 and 439.

Counsel: G. W. Cole.

Witnesses: C. B. Wakefield, John E. Kruse.

LABEL No. 437.

Penalty of \$25 paid by the defendant.

Counsel: G. W. Cole.

Witnesses: C. B. Wakefield, John E. Kruse.

LABEL No. 322.

Penalty of \$25 paid by the defendant.

Counsel: G. W. Cole.

Witnesses: C. B. Wakefield, John E. Kruse.

The following are the cases for which attorneys have not yet been designated:

VINEGAR.

LABEL No. 2159.

Witnesses: John E. Kruse, W. J. Corbett.

LABEL No. 2170.

Witnesses: John E. Kruse, W. J. Corbett.

LABEL No. 2171.

Witnesses: John E. Kruse, W. J. Corbett.

LABEL No. 2172.

Witnesses: John E. Kruse, W. J. Corbett.

LABEL No. 2173.

Witnesses: John E. Kruse, W. J. Corbett.

LABEL No. 2174.

Witnesses: John E. Kruse, W. J. Corbett.

LABEL No. 2175.

Witnesses: John E. Kruse, C. B. Wakefield.

LABEL No. 2177.

Witnesses: John E. Kruse, C. B. Wakefield.

LABEL No. 436.

Witnesses: C. B. Wakefield, John E. Kruse.

MILK.

LABEL No. 3276.

Duplicate No. 3271.

Witnesses: W. J. Corbett, J. P. Clark.

LABEL No. 5873.

Duplicate No. 5876.

Witnesses: W. J. Corbett, J. P. Clark.

LABEL No. 5872.

Duplicate No. 5871.

Witness: J. P. Clark.

LABEL No. 5881.

Duplicate No. 5883.

Witnesses: John E. Kruse, C. B. Wakefield.

LABEL NO. 5884.

Duplicate No. 5918.

Witnesses: John E. Kruse, W. J. Corbett.

LABEL No. 5885.

Duplicate No. 5880.

Witnesses: John E. Kruse, W. J. Corbett.

LABEL No. 3284.

Duplicate No. 5878.

Witnesses: W. J. Corbett, John E. Kruse.

LABEL No. 5917.

Duplicate No. 5879.

Witnesses: John E. Kruse, W. J. Corbett.

LABEL No. 5908.

Duplicate No. 604.

Witnesses: C. B. Wakefield, John E. Kruse.

LABEL N^o. 5886.

Duplicate No. 569.

Witnesses: John E. Kruse, C. B. Wakefield.

LABEL No. 5887.

Duplicate No. 606.

Witnesses: John E. Kruse, C. B. Wakefield.

LABEL No. 5870.

Duplicate No. 5851.

Witnesses: John E. Kruse, C. B. Wakefield.

LABEL No. 5869.

Duplicate No. 614.

Witnesses: C. B. Wakefield, W. J. Corbett.

LABEL No. 5827.

Duplicate No. 613.

Witnesses: C. B. Wakefield, W. J. Corbett.

LABEL No. 5852.

Duplicate No 552.

Witnesses: C. B. Wakefield, John E. Kruse.

LABEL No. 5868.

The defendant would not allow a duplicate sample taken.

Witnesses: C. B. Wakefield, W. J. Corbett.

LABEL No. 5903.

Duplicate No. 561.

Witnesses: C. B. Wakefield, John E. Kruse.

LABEL No. 5867.

Duplicate No. 565.

Witnesses: C. B. Wakefield, W. J. Corbett.

LABEL No. 5855.

Duplicate No. 621.

Witnesses: C. B. Wakefield, W. J. Corbett.

LABEL No. 7365.

Duplicate No. 622.

Witnesses: C. B. Wakefield, W. J. Corbett.

LABEL No. 7306.

Duplicate No. 596.

Witnesses: J. P. Clark, W. J. Corbett.

LABEL No. 7356.

Duplicate No. 568.

Witnesses: C. B. Wakefield, J. P. Clark.

LABEL No. 7357.

Duplicate No. 620.

Witness: C. B. Wakefield.

LABEL No. 5930.

Duplicate No. 564.

Witness: C. B. Wakefield.

LABEL No. 5922.

Duplicate No. 586.

Witnesses: W. J. Corbett, C. B. Wakefield.

LABEL No. 5919.

Duplicate No. 588.

Witnesses: W. J. Corbett, J. P. Clark.

LABEL No. 5916.

Duplicate No. 587.

Witnesses: W. J. Corbett, J. P. Clark.

LABEL No. 5889.

Duplicate No. 608.

Witnesses: John E. Kruse, W. J. Corbett.

REPORT OF C. B. WAKEFIELD.

Number of cheese factories inspected	91
Number of butter factories inspected	5
Number of cities and villages inspected	24
Number of dairies inspected at the farms	18
Number of stores inspected	220
Number of samples of milk inspected	2,740
Number of samples of vinegar inspected	256
Number of samples of milk sent to chemist for analysis,	36
Number of samples of vinegar sent to chemist for	
analysis	11
Number of days spent in inspection work	169
Number of days giving instruction in cheese making ..	4
Number of days of special work	24

REPORT OF JOHN E. KRUSE.

Number of cheese factories inspected	111
Number of butter factories inspected	6
Number of cities and villages inspected	32
Number of dairies inspected	12
Number of shipping stations	1
Number of stables inspected	24
Number of stores inspected	293
Number of samples of milk inspected	2,730
Number of samples of vinegar inspected	447
Number of samples of butter inspected	168
Number of samples of milk sent to chemist for analysis,	22
Number of days giving instruction in butter and cheese	
making	13
Number of days spent in inspection work	223

REPORT OF W. J. CORBETT.

Number of cheese factories inspected	55
Number of butter factories inspected	47
Number of cities and villages inspected.....	32
Number of dairies inspected	26
Number of samples of milk inspected	2,253
Number of samples of vinegar inspected	84
Number of samples of milk sent to chemist for analysis,	26
Number of samples of vinegar sent to chemist for analysis	5
Number of days spent in inspection work.....	160

Whenever, during the season, a complaint has been received from either a creamery or cheese factory, I have endeavored to attend to the same immediately, even though I had recently visited the same factory. The proprietors of some factories have desired me to return again and inspect the milk and so, in many cases, I have visited the same factory several times. Barn inspections have been numerous, the sanitary conditions in most cases being satisfactory. The greatest fault to overcome is the neglect of farmers to properly aerate the milk. Some of them allow it to stand without straining or any care whatever. I have tried to impress upon them the importance of proper aeration of milk and I think the standard is gradually being raised and that farmers are beginning to understand that it is to their own interest, as well as to the interest of the people at large, to raise the standard of the dairy products.

I wish to express my warm appreciation of the active interest and hearty co-operation of the agents of the Department in this division, Mr. C. B. Wakefield, Mr. John E. Kruse, Mr. W. J. Corbett, and the chemists, Dr. John A. Miller and Dr. Hugh C. Troy.

Yours respectfully,

J. P. CLARK,
Assistant Commissioner.

Report of Wm. Henry Kelly.

Hon. CHARLES A. WIETING, *Commissioner of Agriculture:*

Dear Sir.—During the fiscal year 1897, and November, 1898, I have visited six outbreaks of swine diseases, one of sheep scab, one of mammitis in cattle, one of verminous bronchitis in calves, one of symptomatic anthrax, and one of *conjunctivitis* in cattle. In addition to this I have made several inspections of barns and have made investigations into the sale of “bob veal.” A considerable number of letters of inquiry, pertaining to veterinary subjects have also been answered.

SWINE DISEASES.

There seems to have been less disease among swine this year than last. The farmers begin to realize that anything is not good enough for the hog, and that they must have good buildings to protect them from the weather, good bedding, and good wholesome food. Bulletin No. 141, of the Cornell University Experiment Station, entitled “Powdered Soap as a Cause of Death Among Swill-Fed Hogs,” has already done much good in calling attention to one of the causes of death among swill-fed hogs. Of the nine outbreaks of swine diseases all excepting two were probably due to dietetic errors. In each case several post-mortems were held without finding lesions characteristic of any infectious disease, and specimens were sent to Prof. V. A. Moore, of the New York State Veterinary College, for a bacteriological examination, but he reported that he failed to find either the bacillus of hog cholera or of swine plague. A further evidence of the non-specific character of the outbreak rests in the fact that upon changing the

food and improving the surroundings the animals, in a majority of the cases, recovered. In nearly all of the outbreaks the hogs were fed upon garbage from hotels or large boarding-houses. In regard to feeding garbage there seems to be much truth in the statement made in Bulletin No. 141, already referred to.

"It has long been recognized that the feeding of garbage to hogs furnishes one of the most favorable channels for the introduction of hog-cholera and swine-plague bacteria. As a rule, wherever we find hogs in clean, well-ventilated pens and fed upon wholesome food we find thrift and health, and, conversely, where these animals are surrounded with disgusting filth and fed upon decomposing slops or other unwholesome food we expect to and often do find disease.

"It is unfortunately becoming a too-prevalent habit among our farmers to assume, as soon as one or two pigs die, that some infectious disease, such as hog cholera, is among them. It is further most unfortunate that they frequently entertain the fatalistic notion that a remedy is beyond their reach. Fully 25 per cent. of the outbreaks of reported hog cholera which we have investigated during the past year have not been hog cholera or any other known infectious disease. While it is true that, when hog cholera becomes well established in a herd, there is great danger that the majority of the animals will die, it is equally true that if the disease is not a genuinely infectious one, that a majority of the animals can, by proper treatment, be saved. When a pig sickens and dies, the thing to do is to examine, or have it carefully examined, to find out if possible what the cause of death is, in order that the best methods known for preventing the further spread of the disease may be promptly adopted."

HOG CHOLERA.

October 20th, I investigated a disease affecting hogs at Schodack Landing.

I was informed by the owner at the beginning of the outbreak, that he had 25 hogs and 37 pigs (two to three months old). The

owner being a butcher, it had been his custom to feed his hogs the offal from the animals slaughtered with wheat bran and wheat middlings. The pigs were allowed to run in an orchard and their pens were dry; in this orchard there was a clean stack of new straw, in which the pigs burrowed and made their nests.

The first animal was taken sick about two weeks prior to this time and a number had died. The symptoms noticed by the owner were a refusal of food, a staggering gait, coughing, and a tendency to go apart from the other animals. During the day of this investigation and the evening before, four pigs had succumbed to the disease. Two others were slaughtered apparently in the last stages of the disease for examination. The lesions found were typical of hog cholera. On this account directions were given to isolate the well from the sick and disinfect the pens.

I returned on the 22d, and found that three others had died, one of which died during the morning, which was post-mortemed. On the 24th, two others died and on the 25th two more. Specimens of the ulcerated intestines from these animals were sent to The New York State Veterinary College, and Professor Law corroborated the diagnosis of hog cholera.

October 26th, Assistant Commissioner Flanders and myself killed four old hogs and six small pigs, which were all that remained in the herd. These animals were burned, together with the straw in which they made their nest, the troughs, the litter and a number of loose boards. The floors and sides of the pens were disinfected and the yards were sprinkled with lime.

Prior to the killing of the animals the following appraisers were appointed:

Assistant Commissioner Flanders appointed myself and the owner appointed Charles Schroder, of the village of Schodack Landing, and we selected Mr. Burnett Bresee, of the town of Coeymans, for the third.

The animals were appraised as follows:

Three old hogs, at \$8 apiece.....	\$24 00
One old hog, at \$6.....	6 00
Six pigs (one month old), at \$1.50 apiece.....	9 00
	<hr/>
	\$39 00
	<hr/>

Assistant Commissioner Flanders quarantined the place until the disease disappeared and the premises were thoroughly disinfected.

SWINE PLAGUE.

I examined the hogs on adjoining farm; post-mortems were made. The lesions found were typical of swine plague. Specimens of the organs were sent to Prof. V. A. Moore for confirmation. He reported that he found swine-plague bacteria in the specimens. The place was quarantined until the disease had disappeared and the premises thoroughly disinfected.

During May, I visited the town of Scriba to investigate an outbreak that was reported to be hog cholera, on the farm of Mr. M. in that locality. He informed me that at the beginning of the outbreak, which was about two and one-half months before, he had 14 pigs (three to four weeks old) and three sows. The first symptoms of any disease noticed among his animals were refusal of food, diarrhœa, a staggering gait and apparent stiffening in walking. They were first observed when an old sow died in about two weeks. It was said that the skin over the abdomen was of a bluish-black color. Since that time and up to the present, he has lost eight of the pigs. They were taken and died one at a time. The rest of the little ones all appeared to be ill. Symptoms — roughness of hair, a peculiar cough and laborious breathing.

About four months prior to this trouble, the owner sold a sow to a neighbor living about one mile distant. The pigs were kept in a new building, and were permitted to run out of doors during the day. The pens were in a fairly clean condition; no bedding (bare

floor). They made their nests in the horse-manure pile. Mr. M. stated that he had raised hogs for years and never had any trouble before.

I visited Mr. W.'s place, the neighbor to whom Mr. M. sold the sow; was informed by him that the symptoms exhibited by the sow were laborious breathing, refusal of food, and the abdomen of a bluish color. He informed me that she was taken about March 15th and died April 1st. While this one was ill he had 11 shoats on his place. These were kept in a separate pen, but allowed to run out of doors. These shoats were all apparently well. I was informed that several neighbors also had some sick animals. I visited those places as follows:

Mr. V. had two old sows and six pigs about four weeks old. He purchased two hogs from a neighbor; one of these he sold to Mrs. W., the other was taken sick about April 1st, with these symptoms: The abdomen grew very large, as if the animal was pregnant, and continued to do so until May 27th, when she was in such a deplorable condition that the owner killed her. The examination showed that the abdomen contained about three pailfuls of a clear liquid. The animals were kept in a filthy condition. He threw horse manure from his barn into the pen, and as the roof leaks the rain and surface water accumulates within it. This was the first and only pig that had been sick on his place for some time.

Mr. A., of the town of Volney, informed me that he had one old hog, five shoats and five pigs about six weeks old. Two shoats had died about February 15th. Symptoms observed were restricted to a peculiar noise and the reddening of the skin over the abdomen. They died during the day. No others were affected.

Mrs. W. informed me that she had one sow and one barrow. The barrow had been taken ill about one week prior to my visit, and was ailing at the time. Symptoms: It was stated that it could not make water and refused food. Skin was very much reddened over the entire body. All these animals were fed wheat and bran middlings, corn meal and skimmed milk, no garbage from boarding-houses or hotels.

Mr. M. consented to have one of his pigs killed, as it was apparently in a dying condition. I held a post-mortem upon this one and there were very few pathological changes more typical of any infectious disease. Specimens of the organs were sent to The New York State Veterinary College, for bacteriological examination. They failed to reveal the presence of either the bacillus of hog cholera or of swine plague. The animal probably died from some other cause.

June 29th, in company with Prof. V. A. Moore, we investigated a disease among swine at Saratoga Springs, which was reported to be of an infectious nature. Several post-mortems were held, but they did not reveal any particular lesions. Dr. Moore, whose services were secured for this purpose made a bacteriological study of these organs. He afterward assured me that there was nothing suggestive of an infectious disease. The owner informed me that from May 5th until July 5th, he had lost two sows, three shoats (three months old), and 30 small pigs. At the time of the investigation, he had six sows, nine shoats and 15 pigs, of which one shoat and three pigs were sick. The pigs were permitted to run in an open field, and were fed swill, wheat bran and wheat midlings. The swill was collected from the hotels about three times per week, and fed in a state of decomposition. He stated that prior to the first one having been taken ill, he had a servant who used prepared soaps so freely in washing dishes, that he thought the dishwater, which was fed to the hogs, was diluted milk. This was fed to the hogs for several days, and a few days later some of the hogs began to sicken and later to die.

The symptoms as given by the man who had the animals in charge, were exceedingly variable and correspond very closely to those described in Bulletin No. 141 of The Cornell University Experiment Station, as resulting from the feeding of overdoses of powdered soap.

Several other places where disease among hogs was reported were visited. This bulletin contains the results of several experiments

made in finding soap in pigs at The New York State Veterinary College. The number of hogs kept ranged from 15 to 75. It is the custom of all these people to go to Saratoga anywhere from twice a day to three times a week, for the swill from the various hotels and boarding-houses, to feed to hogs. As a rule the pigs are kept in small pens, but in a few instances they were in an open field. The swill was fed in a state of decomposition. Raising pigs seems to be quite an industry among the farmers in this locality. They report that they never met with such a loss until a few years ago. Recently, however, they have annually lost a number of hogs and the death-rate increases year by year. The loss was so heavy last year that a number of the farmers have gone out of the business. It is not at all strange that these hogs should die, as they do not get the swill fresh from the hotels. The present practice is sustained by them largely on the ground that their fathers fed swill to their hogs in a similar condition, and they do not see why they cannot do the same. If the swill arrives at their farm apparently sweet, they do not feed it until it has soured (this was reported to us by some of the employees). There was nothing in the history of the disease or in the post-mortem lesions which would indicate that it was of an infectious or contagious nature, save the presence of a few ulcers in one case, which Dr. Moore thought might possibly be due to chronic cholera, although he doubted it. A careful bacteriological examination of them and animal inoculations failed to reveal hog-cholera bacteria. In all cases, I recommended that precaution should be taken in mixing the dishwater with the swill; the swill should be cooked and fed while fresh, and the hogs kept in a more sanitary condition.

October 4th, I went to Fort Plain. Upon my arrival I called upon Dr. White, health officer, who reported that the hogs in that vicinity were suffering from a contagious disease. He informed me that the diseased hogs were on the farm, belonging to Mr. G. I drove to Mr. G.'s, and he informed me that at the beginning of

the disease he had six old hogs and nine shoats. He stated that they had all died but two old hogs and four shoats. These were apparently well. The first he noticed wrong was about the 4th of July, when one animal was attacked. The symptoms were refusal of food, laborious breathing, cough, bowels constipated, ears of a blackish color. It died on the 6th. On July 16th, he observed that another was ailing; the symptoms were the same as the former. It lived one week. On August 4th, two were ill. The symptoms were the same as in the previous cases, with the addition of vomiting. One animal lived four days; the other died within 10 days. These hogs were kept in a fairly clean pen and were fed on the whey (which was occasionally putrified) and corn. As none of the animals was ill enough so that the owner felt justified in having it killed for a post-mortem examination, I was unable to hold an autopsy. I recommended that the sick should be isolated from the well, and that the pen should be kept thoroughly cleaned and the animals have plenty of bedding. I recommended a change of food. The history of the case and the symptoms would not indicate that the disease was either hog cholera or swine plague. Mr. G. had intended to slaughter these hogs, but fearing that a disease might have infected the herd, he hesitated, not knowing whether they would be marketable on account of the mysterious deaths of some of the herd. Later, I gave him a certificate as requested, stating that in my opinion the animals were free from disease.

During November, I visited the farm of Mr. W., Fort Plain, was informed that the hogs which were reported ill had died two days before. The remaining hogs, 10 in number, were apparently well. On my way to this place, I examined the hogs belonging to Mr. L. He had three fattening hogs. One of these, a day or two prior to my visit, showed the following symptoms: Refusal of food, and the ears were of a purplish color. He split the pig's tail and ears. He intended to slaughter these hogs the day prior,

but thought the animal was sick, consequently postponed the slaughtering. I informed him that the animal was fit to slaughter, as she was apparently well.

October 5th, I went to Castleton to investigate the disease which was reported to be causing the death of a number of hogs on the farm of Mr. P. I was informed by the owner that about six weeks prior to my visit, a neighbor by the name of H., whose farm adjoins, had a number of sick hogs. Mr. H. had 13 hogs at the beginning of the outbreak, five of these were taken ill and three died. Mr. B. who lived and worked on the H. farm had the two hogs which were also taken ill and died. Mr. H. called in Mr. Guardianier of Schodack Landing, who styles himself a veterinarian, also Dr. Eighmy of North Chatham. They held post-mortems and pronounced the disease "swine plague." Mr. P. stated that another neighbor, Mr. S., whose farm adjoins, had four sick hogs, and that they were recovering. Mr. P., at the beginning of the disease, had one old sow, four yearlings and nine suckling pigs. About three weeks prior to my visit, Mr. P. noticed that the old one refused food, had a staggering gait, vomited and was breathing laboriously. Since that time she had not improved and, at the time of my visit, was unable to rise. She could and would eat if food was brought to her. All the little ones had been ill and some of them had died. One died the night prior to my visit and as it was a small one I sent it direct to the New York State Veterinary College, where it was carefully post-mortemed, but no evidence of hog cholera or swine plague was found. A few days later I received a telegram from Mr. P., stating that one of his neighbor's hogs died. I immediately went to his farm and made a post-mortem. The lesions found were not typical of either hog cholera or swine plague. Since that time I have made post-mortems on two others that have died, but failed to find any particular lesions. In both cases, specimens of the organs were sent to Prof. Moore for a bacteriological examination. He reported that he could not find any pathogenic bacteria in them.

CATTLE DISEASES.

CONJUNCTIVITIS.

July 6th, I visited Pike, to investigate a disease which was affecting the eyes of cattle and was reported to be a very mysterious kind. Upon arrival, I found a number of cows suffering from conjunctivitis. I prescribed treatment for the same. Some neighbor recommended that powdered ginger should be blown into the eye daily. I informed the owner that this was injurious and recommended him to cease. About a week after our visit, I received a letter stating that the cows, in the worst cases, were able to see and the new cases readily yielded to treatment.

MAMMITIS.

July 29th, I visited a dairy in Jordanville. On the farm were eight milch cows, four yearlings and one calf. The owner informed me that about two weeks after turning the cows to pasture (May 30th), he noticed that the milk had a peculiar odor; also, that when the milk was allowed to set in the pans to cream the cream had a roughened appearance, as though mixed with air bubbles. He also stated that when churning, it was impossible to gather the butter in the churn; it had to be done with a ladle. The odor from the milk was so offensive that it would sicken a person while milking; and when offered to the calves, they refused to drink it. Dr. Stebbins, of West Winfield, in company with Mr. Milton Morgan, made an inspection of the herd. Dr. Stebbins, after examination, stated that seven of the cows had trouble with their udders, and he thought it was due to tuberculosis. About April 1st, a two-year-old heifer, a calf of a cow raised on the place, calved and appeared to be in excellent condition. About three weeks after parturition, he noticed that she did not eat as much as usual. Gradually the flow of milk diminished. He noticed that her bowels were loose and that there was much fermentation.

Dr. Ingalls, of Mohawk, was called and he pronounced the disease tuberculosis and recommended that she should be killed. The owner consented. Upon post-mortem, which was made by

Dr. Ingalls, he found a number of tuberculous nodules. At the beginning the owner thought the trouble might be due to something the cows had eaten; consequently he changed pasture and feed. This did not change the condition or odor of the milk or butter. He then kept the cows in the barn, but there was no improvement. All the cattle were bred and raised on the farm, except the "Acers" cow. The cows are kept in a barn which is in a fair condition. Each cow had 400 cubic feet of air space, but the light was poor; there being only two windows, 1' 0" x 2' 6"; the other 1' 6" x 1' 6".

Prof. Moore of the New York State Veterinary College, whose services were procured to help in the investigation of this case, and myself examined the cows and the pastures in which they fed. We found that a number of the cows' udders were affected with mammitis. The temperatures were normal. Upon examination we found an enlarged post-pharyngeal gland on the left side of the Jersey cow, and on the right side of the gray cow an enlarged inguinal gland. The enlargement was thought to be due to tuberculosis. In the pasture there is a mud pond, through which the cows wade, and from which they drink. Dr. Moore obtained samples of the milk from each cow; also water and mud of the pond in the pasture. The milk is cooled in a spring and he took samples of this water.

After receiving a letter from Prof. Moore, stating that he failed to find any bacteria in the water or milk, which was likely to cause the odor in the milk, and, inasmuch as Dr. Ingalls had found one cow suffering from tuberculosis and Dr. Stebbins seven of eight milch cows, suffering from what he supposed was tuberculosis, I suggested to Mr. Flanders, assistant commissioner of agriculture, that it would be best to make another trip for further investigation. It was also suggested at the same time, while at the farm, the cows be injected with tuberculin, in order to ascertain how many were tuberculous, thereby helping us to determine whether or not it was tubercular mammitis. The cows were injected with tuberculin on August 1st. The temperature charts are as follows:

August 1st.		August 2d.							
6 P. M.		6 A. M.	8 A. M.	10 A. M.	12 M.	2 P. M.	4 P. M.	5 P. M.	7 P. M.
Acorn.....	101.4	101	102	102.2	102	101.6			
Gray.....	100.6	106	106.2	105.2	106	105.8			
2 year Heifer.....	100.6	101.6	101	101.4	101.4	101.4	105	103.2	104
Brown.....	101	101	101.6	101	101.4	101			
Jersey.....	101.6	105.6	104.4	103.4	105	100.8	103.8	104.4	108.2
Cherry 2d.....	101.4	101.4	101.4	100.6	100.6	100.8			
Cherry 3rd.....	101.2	104.4	108.6	108.2	108.6	102.4			
Cherry 1st.....	101.6	102	101.8	101.8	101.8	109	101.8	101.8	
Calif.....	104	104.6	104	103.8	104.8	102.4			
Red and White.....	162	101.6	101.2	101	101.4	101.4			
White Leg Yr.....	102.6	102.4	102	102.8	103.2	103			
White Bel. Yr.....	102.4	102.4	101.6	102.8	101.6	101.8			
Black Twin.....	102.4	102.2	102	101	101.8	101.6			

According to the thermometer readings, three of the cows were tuberculous, namely, Gray, Jersey and Cherry 3d. I informed the owner prior to the injection of the tuberculin that tuberculosis was not under the control of the Department of Agriculture, and that if it was done it would have to be with his consent. I further informed the owner that the commissioner of agriculture could not in any way decide what should be done with the cows that reacted. Three of the cows reacted; the owner decided to kill them, thereby freeing his herd from this disease. August 9th, Prof. Moore, Dr. Ingalls and I made post-mortems on the reacting cows. We found very few lesions and these were restricted to the glands. The enlarged gland of the Gray and Jersey cow, which were supposed to be tuberculous, proved to be such upon post-mortem. There were but few other lesions found. About a week prior to the tuberculin test, and while I was at the farm, Cheese Instructor Milton Morgan called. That morning, in accord with my suggestion, each cow was milked separately and the milk set in separate cans. We made a test of the milk with the lactometer, and below will be found the readings:

LACTOMETER.

Acers, 106 at 66°.

Gray, 104 at 67°. (Tuberculous.)

Two-year-old heifer, 104 at 66°.

Brown, 110 at 64°.

Jersey, 112 at 66°. (Tuberculous.)

Cherry 2d, 96 at 68°.

Cherry 3d, 102 at 68°. (Tuberculous.)

Cherry 1st, 100 at 68°.

On the morning the cows were slaughtered, they were milked and samples sent to Dr. Wheeler for chemical analysis. Below is a statement of his report:

	Water.	Total solids.	Fat.	Solids not fat.	Ash.
Cherry 3d	84.18	15.82	6.80	9.02	1.36
Gray	85.19	14.81	6.54	8.27	1.47
Jersey	78.52	21.48	12.89	8.59	1.42

I prescribed treatment for the remainder of the cows, and recommended saving the milk and the making butter from the cream. I again visited the place and he had a small crock of butter. His son asserted that the odor was perceptible, but the father failed to detect it. This crock of butter was brought to Albany and submitted to Assistant Commissioners Flanders and Ambler and Agent Matteson. They failed to detect any objectionable odor or flavor and pronounced it good butter. In the several letters which I received after using the prescribed treatment, he stated that he was using the milk.

The cows were suffering from a chronic inflammatory condition of the udder, which seems to have been infectious. The "gassy" cream may have been due to contamination with a gas-producing bacillus, which was found to be in large numbers in the spring water where the milk was cooled. This organism did not appear in the milk from any of the cows.

VERMINOUS BRONCHITIS.

On November 16th, I investigated a disease which was affecting the calves belonging to Mr. M. I was informed by the owner that he had, at the beginning of the outbreak, 10 calves. On September 30th, he noticed that one of the calves had a peculiar cough and gave it some simple remedies for a cold. It gradually grew worse, was unable to rise, and finally died in about two weeks. A few days after the first one showed symptoms of sickness, he noticed that the others had the same peculiar cough. Although he gave them good care and simple remedies, they gradually grew worse, and at the time of my visit were very weak. They never lost their appetite, which was very strange to owner. He stated that he gave the calves grain, oats, also feed in the pasture, which was excellent, yet they did not thrive. Cold nights he would keep them in the barn. I informed him that his calves were suffering from verminous bronchitis, due to the parasite *strongylus micrurus*,

prescribed proper treatment, and asked him to report to me in a week's time. He did as requested and informed me that they had made a wonderful improvement, but a few still had a slight cough. Since that time I made another visit to his place and found the calves apparently well and thriving.

SYMPTOMATIC ANTHRAX.

In August, a disease was reported to be killing a number of cattle on the farm of Mr. E., whose farm was situated about two miles from Middleville. Mr. E. informed me that the field in which the young stock were pastured had been used as such since he had been on the place, which was over 40 years. During this period there had not been any deaths from such a cause on this or adjoining farms. On account of the mysterious nature of the disease, Dr. V. was secured to make this investigation. July 31st of this year, there were 28 two-year-olds and four three-year-olds running in the pasture. Of these, Mr. E. owned 19 of the two-year-olds. July 31st, Mr. E. observed that one two-year-old heifer was missing. Later, after careful search, he found her dead. This did not seem strange to him, as during the preceding day there had been a severe thunderstorm, and he thought the heifer had been struck by lightning. After this death, he made daily visits to the pasture to see if the animals were all well. Nothing unusual happened until the morning of August 4th, when five two-year-olds were missing. They were found dead. The neighbors thought the animals had been poisoned. Consequently, he notified Dr. Trafford, health officer, who requested Dr. I. B. Edsall to accompany him to the field to hold post-mortem. The doctors hesitated to make the desired examination unless Mr. E. would open the animals and remove the organs. This he did and they gave their opinions as to the probable cause of death. After an inspection of the lungs of the first they stated that death was from the results of pneumonia. At their request Mr. E. opened another animal,

which they did not think died from the same cause. They requested Mr. E. to carry a piece of the lung to the house, where it was washed, but they were unable to state the cause of death. These were all that were examined. Mr. E. requested Dr. Trafford to write the State Board of Health. He claimed to have done this but did not receive a reply. August 8th, Mr. E. noticed another two-year-old heifer missing and a careful search resulted in finding her dead. He immediately requested Dr. Trafford to telegraph the State Board of Health, as he had not received a reply to his letter. Professor Moore and myself made a post-mortem of this animal. It was well advanced in post-mortem changes. Professor Moore inoculated several tubes of media, also took specimens of the organs preserved in sterilized jars for further examination at the laboratory. We took the temperatures of all the remaining animals and found them to be normal, with the exception of one, which was 107° F. We informed Mr. E. that the death of these animals had been probably due to symptomatic anthrax or black quarter. I recommended treatment for the animal which had the elevated temperature. We suggested that he should take the temperature of the remaining animals night and morning. If any marked rise occurred in any of these, or if the animal which was ill should die, we requested him immediately to telegraph us.

Dr. Moore informed Mr. E. that Professor Law had recommended a preventive treatment, which was a modified form of Pouissant's treatment for anthrax. He stated that it had been tried in a few cases and had given good results. Yet, it was in an experimental stage. We told him we were willing to try the treatment with his consent. Mr. E. said that the pasture was the source of his greatest financial income. It had been his practice for years to utilize it as a pasture for his young animals and he rented it as a pasture for the neighbors' cattle. If it was infected he would thereby be unable to use it; he was willing to lose all his cattle, if necessary, to try if he could not make them immune. At the time of our departure, we loaned him a clinical thermometer and in-

structed him to keep us informed as to the temperature each day, either by telegraph or otherwise. The following day we received a telegram, stating that the sick animals were likely to die at any time, and requesting us to come immediately. We responded to his request, but found the heifer better.

August 15th, I received a telegram from Mr. E., stating that a two-year-old heifer had died, which belonged to Mr. M., a neighbor. This heifer was pastured in a field adjoining Mr. E.'s pasture, and through both fields there was a continuous swamp. I immediately telegraphed Professor Moore and started for Middleville. Upon my arrival I held an autopsy, in company with Dr. E. B. Ingalls, of Mohawk; the lesions were typical of symptomatic anthrax. When Mr. E. observed that this animal was dying he immediately made preparations to draw the blood as directed by Professor Moore. Upon Professor Moore's arrival we prepared the blood and injected 12 animals. Mr. E. had not gained the consent of all the owners who pastured animals in the field to try the experiment, so we returned home. The following day Mr. E. gained the consent of all the owners to have their cattle treated and I returned and gave the treatment to the entire 24, which were living and well. After one day had intervened I gave another treatment to the 24. Twelve (8 two-year old and 4 three-year old) received three doses, and the heifer that was ill was not given the preventive treatment. Up to the present time none of these animals has contracted this disease, although they were kept in the infected pasture. Mr. E. was very much pleased with the results, as you will see by his letter:

MIDDLEVILLE, N. Y., *December 14, 1898.*

Dr. W. H. KELLY,

Dear Sir.—Yours received and blank filled out. I have been going to write you for some time; I came very near sending for you in October. I lost two very nice calves with the same disease; they were about five months old and were in my meadow. Three of my neighbors each lost five or six very fine calves, some six months and others older. All died in nice clean meadows; so the theory of

swampy land is not a sure thing. The ones I lost were taken right down after I gave them salt; only lived a few hours; they seemed very lame in one leg at first. All the heifers that you gave the blood treatment came out all right and are looking fine. I am wintering about 50 head of young stock, and if there is any such thing as getting you to treat them this spring I want you to do it for me. Mr. Moore told me that the Department had some kind of virus or vaccine that they sent out. I wish you could use the blood treatment on them; I have great faith in that. Since I turned the animals back in the same lot, all came out all right.

(Signed.)

F. A. ENOS.

At the time of our first visit the neighbors seemed very much exercised over this disease. We were informed that some 25 years prior to this a number of cattle died annually from some mysterious disease. This occurred for a period of about 15 years. During this time between 400 and 500 cattle succumbed. This occurred on the opposite side of the river, a distance of about three miles from Middleville. It was surmised at the time that the animals were poisoned and two men were arrested and tried, but not convicted. At that time, post-mortems were held and the stomachs of the diseased animals sent to an expert chemist for analysis. He failed to find any poison. They were afraid of this outbreak; consequently when we held it in check they were very well satisfied.

INFECTIOUS ABORTION.

The great dairying interests of the State and the breeders of improved cattle, continue to suffer heavily year after year, through the prevalence of contagious abortion. To maintain these industries in a condition which will enable us to compete successfully with other States, the restriction and final extinction of this heavy tax should be a prominent aim of this State. I am informed by Professor Law that some important work on this subject has already been done by The New York State Veterinary College, and has only been delayed by the lack of means to continue the investiga-

tion. He states that the work on this subject seems to show that the microbe, which usually causes this affection in New York, is quite different from that which entails corresponding losses in the herds of Europe, and it is very desirable that the means should be provided to carry the pending investigations to a definite result, in order to ascertain the best means of dealing with this ruinous infection.

SHEEP DISEASES.

SHEEP SCAB.

On November 7th, I visited a farm at Hector, N. Y., to examine lambs that were reported to be suffering from a scab, and which were permitted to pasture along the public highway. I was informed by the owner that he purchased 136 lambs of a man who got them at Buffalo. Since the time of purchase five of them either have been killed or died from some other cause. Upon examination I found the sheep to be suffering from a scab as reported. I informed the owner that he must keep them confined to his farm until he had dipped them at least twice. I failed to hear of any other sheep that were affected with the same disease. Upon my return I made the suggestion to Assistant Commissioner Flanders that Inspector Quigley be directed to visit the person from whom this man purchased his lambs and ascertain where the lambs were bought, the number that were purchased and to whom the others were sold. A few days later, in response to a telegram from Mr. Quigley, I visited North Hector. Mr. Quigley stated as follows: September 25, 1898, Mr. E. F. ——— of North Hector bought of Rice & Whalley, Exchange Building, Buffalo, N. Y., 530 lambs. They were unloaded at North Hector and were driven to Mr. F.'s farm. Shortly afterwards he sold them as follows:

B. J. Budd.....	136
Geo. Lamoreaux	86
P. Purdy Ball.....	99

James Jones	101
Thos. Terberry	100
	<hr/>
	522
Died	8
	<hr/>
	530
	<hr/> <hr/>

Thomas Terberry sold his as follows:

Geo. Egbert	31
Will Rich	10
Sam. Moore	59
	<hr/>
	100
	<hr/> <hr/>

Prior to our visit, Messrs. Jones, Ball, Terberry and Egbert had sold and shipped their lambs to New York. The remaining lambs were examined and ordered to be dipped. Since that time, Inspector Quigley informs me that he has personally superintended the dipping of the lambs. It seems, with the precaution taken, that the disease has been checked, and will not spread.

BOB VEAL.

I have visited several markets and made a few seizures of bob veal this year. In a number of instances the calves were under three days of age and in a few only several hours old.

The butcher seems to evade the law either by sending them (bob calves) direct to New York alive, to be slaughtered there instead of sending them dressed, as before, or removing the bones and sending them in barrels to canning establishments, to be put up as canned *chicken*. The former case is an instance to illustrate that public slaughter-houses should be used in large cities, under the control of a competent meat inspector, and it should be compulsory that all butchering should be done in that house. As it is now the bob-

veal calves are killed in private slaughter-houses and shipped to local markets unknown to the inspector.

There is much difficulty in positively recognizing certain carcasses as bob veal. The normal variation in calves is such that in some instances it is impossible to separate the lawful from the illegal. If this law is to continue, it seems highly important that an appropriation should be made for defraying the expenses of a careful investigation to determine what characters and features can be depended upon in condemning carcasses.

BARN INSPECTION.

In but few instances the milch cows of this State have the proper amount of light and air space. The barns are very seldom ventilated. It seems that considerable good can be done along this line by insisting that cows in this State, that produce milk from which is made butter and cheese, should be kept in pure air, even if it should be a little cold. The majority of farmers believe that when a barn is warm with foul air, the cattle are better than in a barn with pure air at a lower temperature. This seems to be a great mistake. Perhaps a partial cause of this practice is that the farmer is taught to-day that if he wishes to make cows give a large quantity of milk during the winter they must be kept warm, even at the expense of hygienic surroundings. As to light, we know that there are very few disinfectants equal to sunlight.

The majority of bacteria cannot live in sunlight, but they will exist in the dark; yet we go in a number of barns where there are only one or two small windows. I am indebted to Prof. V. A. Moore of the New York State Veterinary College, for the promptness and thoroughness in performing the bacteriological examinations and for his assistance in making many of the post-mortems.

Very respectfully yours,

WM. HENRY KELLY,
Veterinarian.

Report of Michael Quigley.

HON. CHARLES A. WIETING, *Commissioner of Agriculture*:

Dear Sir.— I respectfully submit a report of the operations of my work from December 1, 1897, to this date:

On December 16, 1897, I went to Rochester, N. Y., on the complaint of Dr. Goler, health officer of that city, who informed this Department that hog cholera existed in the town of Gates, near that place. After my arrival there, and in company with one of the inspectors of that city, I went to several places in the town of Gates and found that a large number of hogs owned by several parties had died during the fall. It also appeared that in every instance these hogs had been fed on hotel swill, procured from the city. There were no sick hogs in any of the places at the time of my visit, as all the sick ones had died.

On January 12th, I went to Salem, N. Y., to the farm of John Dunning, five miles north of that place, whose cows had been reported as suffering from tuberculosis. After a thorough physical examination of his herd, as to respiration, temperature, etc., I could find no evidence of tuberculosis or other contagious disease.

March 31st, I went to the town of Boylston, six miles east of Sandy Creek, N. Y., and examined a herd of cows on the farms of John Bortles and Warren Huffstrader, which had been reported as being affected with some contagious disease. It had been reported that Bortles had lost three cows. I found the cows in very poor condition and very lousy. The cows that died were about ready to calve. I came to the conclusion that there was no contagious disease among the animals and that losses were due to chronic indigestion, caused by poor, coarse food. The hay was mostly weeds and ferns.

On April 7th, complaint was made to this Department that the hogs on the farm of Daniel Quigley, near Oswego Falls, were affected with hog cholera. I examined this herd on April 9th, and found that a number of them had died, 23 out of 30, and that the herd had been fed on hotel swill from the Lewis Hotel at Fulton. I killed one hog and took some of the organs to Dr. Moore at the State Veterinary College at Ithaca, who made a bacteriological examination, also inoculations. Dr. Moore reported to me that he found no germs of hog cholera or swine plague in the tissue of these hogs. The deaths were probably due to feeding hotel swill.

On April 8th, I went to North Barton, N. Y., and examined a cow on the premises of J. L. Doty, also a horse that had been reported as suffering from glanders on the farm of Rufus Shipman, at the same place.

I wired the Department for a veterinarian, and on April 10th, Dr. J. S. Wadsworth, V. S., went with me and examined the horse. He pronounced the disease as chronic nasal gleet, and not glanders. Dr. Wadsworth also examined the cow on the Doty farm and decided that she was affected with erysipelas. The cow died while we were on the premises.

June 16th, I was directed to go to Lacona, N. Y., and investigate an outbreak of some contagious disease among the cattle of George Tryon, about five miles east of that place. I went there on June 18th, and found that the herd consisted of 13 cows and five yearlings. Three of the yearlings had died suddenly in the pasture. A physical examination showed the cows to be all right, and one yearling appeared to be slightly ill, with a temperature of 102°. The stock was pastured in a large field containing several low swampy spots and from the symptoms of the animals that had died, as given me by Mr. Tryon, it would appear that the losses occurred from anthrax. I directed the owner to remove the animals at once to another field that was high and dry, and have heard of no further trouble there since.

On July 9th, I went to Oswego to investigate an alleged outbreak of hog cholera on the premises of H. A. Medlong, near that city. I found that Mr. Medlong, who keeps a butcher shop in the city, had lost 50 out of 100 hogs from symptoms that resembled hog cholera. Upon investigation, it appeared that Medlong had been in the habit of feeding to his hogs the refuse and scraps from the butcher shop, and during the hot weather at this time of year, it did not take long for these scraps to become tainted and putrid. It also appeared that a great deal of this scrap was boiled in a large kettle until the meat dropped from the bones and then the meat was pressed into the form of a cheese and afterwards fed to the hogs in cooler weather. After looking over the grounds and the facts in the case, I did not think that this was a case of true hog cholera, and I sent for Dr. M. J. Henderson, V. S., of Syracuse, who came there on July 10th and made a careful post-mortem examination on a hog that had died that morning. Dr. Henderson's conclusions were that the disease was not hog cholera but that the death loss was due to ptomaine poisoning, produced, probably, by the animals eating the scraps and meat that had become putrid. I was in Oswego afterwards in September, and called on Mr. Medlong, who informed me that he had killed off the rest of the original herd of hogs and had disinfected his pens thoroughly, put in a new lot of pigs, stopped feeding them the refuse of the butcher shops and at that time his hogs were in excellent condition and good health.

On August 18th, I was instructed by the Department to proceed to Henrietta, N. Y., and examine an alleged outbreak of hog cholera at that place. On my arrival there and upon investigation, it appeared that about August 8th a disease broke out among the slaughter-house hogs, owned by E. Fritz, a butcher in the village, and immediately began to spread among other hogs southward along the road from the village for about one mile. A hog had died that morning on the premises of Harvey Stone and Dr. J. H. Taylor, V. S., made a post-mortem on it. The hog appeared to

have died of pneumonia and it seemed to me to be swine plague. I then determined to send for Dr. V. A. Moore, of the State Veterinary College, and have him make a post-mortem on another hog, and also a bacteriological examination from it, so as to determine the nature of the disease. Dr. Moore came on Sunday, August 21st, and made a post-mortem examination on a hog that died that morning on the premises of Alfred Stone, and also made cultures from the various organs. A letter from him to me on August 24th, stated that he failed to find either the bacteria of swine plague or of hog cholera in his cultures. I went back to Henrietta on September 15th, and found that the disease was still spreading southward along the road and had then extended about two miles from its starting point, and at this date a new phase of the disease appeared in the shape of pustular eruptions covering the entire body of some of the hogs. I sent for Dr. Moore again, and on Sunday, September 18th, he made two post-mortem examinations of hogs, one each on the premises of Charles Shafer and Jacob Schoen, and also made cultures from the organs. I was advised later by Dr. Moore that he still failed to find the bacteria of swine plague or hog cholera in the tissue from these hogs. The disease appeared to have run its course by this time and did not extend any further. On October 19th, I went over the ground again and found that it had died out and the hogs that survived were slowly recovering.

The losses among the farmers were as follows:

	Whole No. of hogs.	No. died.
E. Fritz	4	3
Chas. Marsh	2	1
Alfred Stone	8	3
Harvey Stone	9	5
Herbert Clark	11	5
J. Dykeman	2	2
Charles Shafer	23	22
Fred Reeves	3	2

	Whole No. of hogs.	No. died.
Nelson Reeves	13	11
C. M. Lichterart	4	1
James Nevins	3	3
John Bauser	2	2
Daniel Daw	20	18
Peter Peterson	7	6
Jacob Schoen	9	5
Byron Dewitt	16	12
	<hr/> 136 <hr/>	<hr/> 108 <hr/>

or a mortality of 78 per cent.

Dr. Moore found in the first animal he examined indications of pneumonia, but the abdominal organs were also affected. In the last two animals there was extensive pneumonia in each and the disease seemed to be confined to the organs in the chest cavity. It is evident from the examinations made in this outbreak that the disease was some form of pneumonia, and we were all surprised at the negative bacteriological results. I am told that a large number of inoculations were made, and that the subject is still under investigation.

October 11th, I went to Canajoharie, N. Y., and examined the stables and also the cows of a number of farmers who were delivering their milk to the creamery of Lipe & Roser at that place. I had been over this ground before in April, 1897, and on this inspection found a great many improvements had been made in the sanitary conditions of the stables, and am of opinion that there is still a wide field for missionary work along this line among a large number of milk producers.

On October 27th, I went to Geneva, N. Y., to investigate the report of alleged hog cholera in that section in the towns of Geneva and Seneca. I was accompanied by Dr. E. A. Bogart, V. S., of Geneva, who had seen some of the cases. I found that about Oc-

tober 8th, a hog on the farm of William McKelvey was taken ill and died, and at the same time a hog died on the adjoining farm of Ed. McKelvey. Both these men killed the rest of their hogs for pork. The disease appeared on the farm of Anthony Jackson, who had two hogs and he killed them. James Wyatt had one ill but it was well at that time. Walter Jackson had two ill and he killed them. Adelbert Powers lost one and killed one. The only sick hogs I found were three on the farm of James Ritchie and they were getting well. Mr. Ritchie had lost two small pigs and killed two others, as he thought they would not live. I was unable to find out what the disease was, as no opportunities were had for bacteriological examinations or for cultures from the organs. Altogether, I found that only six hogs had died from the disease and most of the others were killed to make pork before they became ill. At the time of my visit the disease had died out in that locality.

On November 2d, I was directed by the Department to go to Prattsburg, N. Y., and also to Geneseo, Livingston county, and investigate an outbreak of the same disease among hogs in that locality. On November 8th, I went to Prattsburg, to the farm of Mark H. Hopkins, two miles east of that village. Mr. Hopkins had a sow that about October 1st had nine pigs; the sow died next day and the tenant tried to raise the pigs by hand but they all died except one. There was no disease on his farm and all his hogs were in fine condition. I then learned from the tenant, Mr. G. R. Sanderson, that a number of hogs owned by Wheeler & Co., in the village, had died from some disease.

Upon investigation, it appeared that Wheeler & Co. are butchers and keep a market in the village. I went to their slaughter-house but found no hogs there, and they then informed me that they had kept a number of hogs and fed them upon slaughter-house offal. The hogs commenced to die about July 15th last, and kept on dying till about October 1st, when they were all dead. Altogether, they have lost about twenty-four head and have none at present.

I did not learn of any more trouble with hog diseases in that locality and could find no evidence of hog cholera there.

I then went from Prattsburg to Geneseo, Livingston county, to the farm of John Walls, six miles east of that place, and near Conesus Lake. It appeared that about September 20th a sporadic outbreak of some disease occurred on Mr. Walls' farm among his hogs, and lasted till October 15th, when they ceased to die and none has died there since.

A similar outbreak occurred on the farms of Edward Stapely, W. Turbeyfield and William Morris at the same time. I visited all these places and they are all from one to two miles apart, with herds of hogs between them which were not affected. The disease appeared to be similar in all cases and died out at about the same time. The surviving hogs were all getting well. I did not deem it of any benefit to have any of these hogs killed for post-mortem or bacteriological examination, as no doubt the bacteria (if any) had disappeared or had been already eliminated from their systems.

The losses were as follows:

	Whole No.	No. died.
John Walls	18	14
E. Stapely	20	18
W. Turbeyfield	21	20
W. Morris	32	30
	<hr/>	<hr/>
	91	82
	<hr/>	<hr/>

or a mortality of 90 per cent.

On November 12th, I was informed that a large number of hogs had died from hog cholera at the Soldiers' Home at Bath, N. Y. I went there and found that one hundred and fifty-two (152) large and one hundred (100) small pigs had died from about October 1st to that date and ninety (90) remained alive then.

The authorities in charge were positive that it was hog cholera. I found that no hogs were imported from Buffalo or other places,

and that the herd was all raised on the premises. These hogs had been fed on the refuse from the kitchens at the Home, mixed with some gluten meal brought from Buffalo. After a careful investigation of the facts in the case, I was very much in doubt as to this trouble being hog cholera, and after permission from the Department I brought Dr. Moore to Bath on November 15th. On November 16th we killed three hogs and Dr. Moore made post-mortems on them, also inoculated tubes and culture media from them. I have since been advised by him that the tubes and media remained clear without exception, showing conclusively that the disease was not hog cholera or swine plague. There is no doubt that this trouble was due to dietary causes. I advised Colonel Morgan, the inspector there, to stop feeding kitchen refuse, and to feed the animals middlings, bran and meal, also to remove them from present pens. Had this Department been notified of the outbreak at its commencement, there would have been a great saving of animals by removing the cause and giving proper food.

On November 21st, I went to Hector, Schuyler county, N. Y., to examine a herd of sheep on the premises of B. J. Budd. This herd was examined by Dr. W. H. Kelley prior to this time and found to be affected with scab and was ordered quarantined and dipped by him. I found that they had been dipped, and the owner told me that he would dip them again the following week. They were dipped again on November 23d, as I afterwards learned. On December 21st, I went back there again to see these sheep and to investigate the origin of the disease. I found that they were bought of Edward Flood of North Hector. It appears that about September 25th, Edward Flood bought of Rice & Whaley, Room 10, Exchange Building, Buffalo, five hundred and thirty (530) western sheep and shipped them in two cars to North Hector. About ten days afterwards he sold and distributed these sheep in that vicinity as follows:

To B. J. Budd	136
To George Lamoreaux	86

To James Jones	101
To Thos. Terberry	100
To Purdy Ball	99

522

and about eight (8) died prior to the sales.

As Budd's sheep came out of these two cars and were affected with scab, it was fair to presume that the rest were also affected and I found them scattered in some cases twelve miles apart. I examined Jones' and Ball's sheep and found that they had been affected with the disease. Ball had dipped his thoroughly and they were cured. Jones had dipped his but I was not satisfied with their appearance, so I had him dip them again on December 23d.

I found Lamoreaux's sheep badly affected and quarantined them till they were dipped and cured. I then went to the village of Logan, where Terberry lived, and found that he had disposed of his 100 sheep as follows:

He sold to

Samuel Moore of Mecklenburg	59
George Egbert of Logan	31
William Rich of Logan	10
Total	100

I examined the ten (10) sheep owned by William Rich and found them free from scab. I then went to the premises of George Egbert, who informed me that he shipped his thirty-one sheep about December 17th, to Samuel Sanders, at Jersey City, and that they were to be slaughtered at once for the market. I then went at once to Mecklenburg, about twelve miles from Hector, to look after the fifty-nine head sold to Samuel Moore. Mr. Moore informed me that he sold them about October 20th to D. E. Goldsmith of that place and that three days prior to that time (December

22), Goldsmith had sold them to Edward Murphy of Trumansburg, who intended to ship them to New York city. Murphy had left Mecklenburg that morning driving the sheep to ship them. I overtook them about two miles from Trumansburg and found he had also bought others, as he then had eighty-six head. I ordered the entire herd quarantined at once and dipped as soon as possible.

I went back there on December 27th and saw Murphy dip them and shall keep all these sheep that Flood brought into that section in quarantine until they are thoroughly dipped and cured of the disease.

Respectfully yours,

M. QUIGLEY.

Report of H. B. Ambler.

Hon. CHARLES A. WIETING, *Commissioner of Agriculture:*

Dear Sir.—As per your instructions, I called at Stephen Gaffney's, Kinderhook, N. Y., on December 9th, to investigate a reported outbreak of swine disease on his premises. I found that the herd of swine at present consists of four unthrifty looking little pigs, about ten weeks old.

The history of the herd is as follows: About November 10th, two of his last spring's pigs that were ready for the butcher were taken ill, refused their feed, seemed dull, had an eruption on their ears and flanks, were constipated and lingered around for one week or ten days, and then died. Thinking, perhaps, the disease might spread to the other fat pigs, the owner slaughtered five of the same age as those that had died. About November 25th an old sow was taken ill, the same as the pigs, and she died in just as short order. Then the little pigs commenced to die, presenting symptoms similar to the old ones, until six of them had succumbed.

These pigs were all raised on the premises, and never came in contact with pigs of any other herd. Their feed has been hotel swill and ground grain.

From the above history I was not able to class this trouble as anything infectious, and told the owner that it was caused by improper feed, or the pens, and that if he would change the location of his pigpens and feed a different class of feed the trouble would probably stop. But, as the owner insisted that the trouble was "hog cholera," and that the remainder of his herd was going to die, I had him select one that he thought was more likely to die within a day or two than the others, and I expressed

that one to Professor Moore, of Cornell University, for examination, where it is now, and is apparently a well pig.

The report that Gaffney's neighbors were losing pigs in a similar manner could not be verified.

Yours respectfully,

H. B. AMBLER, D. V. S.

Chatham, N. Y., December 20, 1898.

HON. CHARLES A. WIETING, *Commissioner of Agriculture,
Albany, N. Y.:*

Dear Sir.—It being reported that the pigs belonging to Miss S. R. Angell, near Chatham, were dying from contagious disease, I went there on July 28th, and found that several pigs were ill, and that the third pig from the herd had died that morning. I held an autopsy on this pig and found extensive inflammation of the left lung, pleura and lymphatic glands. I sent specimens of these to Professor Moore, of Cornell University, who found the bacteria of swine plague in them.

As soon as Professor Moore's report was received, Miss Angell's and H. Preusuer's premises, adjoining, were quarantined.

By August 6th, six pigs of the Angell herd had died, and none of the eight remaining was well, and three of those eight were very sick. They would sit on their haunches and cough almost steadily.

Of the Preusuer herd, sixteen had died since the 1st of May (the owner had not reported the same), and of the twelve alive only the three old ones were apparently well. The nine young pigs had sores on their ears and flanks and two had a chronic cough.

On this date (August 6th) the Hagadorn treatment for hog cholera and swine plague was begun, all the pigs having been moved into new pens before beginning the treatment, which was applied daily. The Preusuer pigs had been fed on hotel swill and kept in a swamp, which drained into a creek from which the Angell pigs

drank, which will account for the latter being infected. The next day, August 7th, a pig belonging to Charles Simmons was found ill, and put under the same treatment. This pig's feed had been mixed with water coming from this same swamp.

On August 16th one sick pig from the Angell herd, which had been under the treatment daily, for ten days, was sent to Professor Moore for examination. After arriving at Cornell it lived four days, and then died of what Professor Moore termed chronic swine plague, and he remarked that the swine plague organisms were readily detected.

The treatment was applied daily from August 6th to August 17th, inclusive; then on August 19th, 21st and 24th, when it was stopped, as the pigs in the Preusner and Simmons herds were practically well, and those on the Angell place apparently recovering, although a few had sores on their ears, where flies had irritated them, and a few were coughing somewhat.

On September 2d, one pig of the Angell herd died, after being ill two days with symptoms similar to those of the pigs which had previously died. The post-mortem lesions from this pig were not characteristic, but were, nevertheless, sent to Professor Moore, but being delayed on the road spoiled before reaching him.

On September 5th, one of the Angell pigs, which remained in an unthrifty condition and which the owner did not care to keep any longer, was sent to Professor Moore, who wrote under date of September 12th that the pig coughed a great deal and might die in a few days of swine plague. It, however, recovered, and at last accounts was in a very healthy condition.

The pens on the Angell place were disinfected with the Hagadorn disinfectant, and the pigs returned to them on September 5th. Twelve days after (September 17th) one of the pigs apparently had a relapse. He had sores on his ears and thighs and coughed considerably, but, after being isolated and receiving the treatment for two weeks, he recovered.

On December 5th, the remaining five pigs in the Angell herd

were killed for market, and with the exception of a very few lung worms were in absolutely normal condition.

The pigs in Preusuer's herd will not be killed this fall, so there will be no opportunity to state positively what kind of a recovery they have made, but to all external appearances the recovery in each case is complete.

The same remarks will apply to the Simmons' pigs.

Respectfully,

H. B. AMBLER, D. V. S.

Chatham, N. Y., December 5, 1898.

HON. CHARLES A. WIETING, *Commissioner of Agriculture,
Albany, N. Y.:*

Dear Sir.—As it was reported by a member of the Austerlitz Board of Health that Josiah Almstead of that place had lost several hogs from some mysterious cause, I called there on August 29th to investigate.

I found that at present Mr. Almstead had but two sows, each one and a half years old, and apparently healthy.

The owner informed me that within the last week he had lost two spring pigs and one old sow. They were ill only a few hours and presented no characteristic symptoms.

As the swine had been kept in an old cellar, that was very filthy and had no ventilation at all, it is quite probable that the cause of the trouble was the filth in which they were kept. I advised putting the swine in a new, clean pen, with proper ventilation, and he has had no further trouble of this kind.

Respectfully,

H. B. AMBLER, D. V. S.

Chatham, N. Y., September 30, 1898.

FINANCIAL REPORTS

OF THE

State Agricultural Society, County, Town and
Other Agricultural Societies in the State
of New York for the Year 1898.

NEW YORK STATE AGRICULTURAL SOCIETY.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$446 54
From gate receipts, grand stand, stall rent	\$20,329 15
From rent of privileges.....	2,226 55
From entries for premiums.....	2,460 50
From annual members	723 00
From life members	170 00
From sundry sources during fair.....	2,231 63
From bonds issued, notes given or any other obligation	14,531 36
From State	33,038 11
<hr/>	
Receipts for 1898.....	75,710 30
<hr/>	
Total receipts	\$76,156 84

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$2,000 00
For permanent improvements.....	12,362 65
For interest	3,799 88
For labor	1,903 79
For salaries: Secretary, \$1,500; gen- eral manager, \$1,500; office assist- ants, \$300; police, \$858.50; superin- tendent, \$480; total	4,638 50
For premiums on horses, in- cluding premiums for speed	\$6,264 00

For premiums on cattle....	\$4,075 00	
For premiums on sheep.....	1,988 00	
For premiums on swine.....	1,652 00	
For premiums on poultry...	1,237 00	
For premiums on farm produce	848 00	
For premiums on dairy products	999 97	
For premiums on domestic..	516 05	
For premiums on implements and machines	270 00	
For premiums on flowers....	1,528 00	
For premiums on fruits.....	1,803 00	
		<hr/>
Total premiums	\$21,181 02	
Sundries during State Fair and year...	27,219 92	
		<hr/>
Total disbursements	\$73,105 76	
		<hr/>
Balance on hand Jan. 1, 1899.....	\$3,051 08	
		<hr/>
B. F. Tracy.....		President.
W. Judson Smith.....		Treasurer.

HORNELLSVILLE FARMERS' CLUB.

RECEIPTS.

From gate receipts.....	\$4,169 95
From grand stand.....	1,333 55
From rent of privileges.....	1,020 22
From entries for premiums.....	659 74
From annual members.....	983 45
From entries for races (horse).....	2,090 00
From fines for races (bicycle or other)..	60 00

From entries for teams.....	\$31 00
From bonds issued, notes given or any other obligation	2,000 00
	<hr/>
Receipts for 1898.....	\$12,347 91
	<hr/>
Total receipts	\$12,347 91

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$9 22
For labor	375 28
For gatemen, \$77.25; ticketmen, \$91.50; material, \$103.02.....	271 77
For postage and stationery.....	86 60
For attractions, \$600; press notices, \$231.81; advertising, \$369.62.....	1,201 43
For printing, \$313.65; music, \$124; decorations, \$61	498 65
For office rent, \$35.50; water rent, \$53.50	89 00
For incidentals	220 20
For hay and straw, \$61.04; discounts, \$41.98	103 02
For salaries: Secretary, \$700; office assistants, \$445; judges, \$157.40; su- perintendent, \$129.85; helpers, etc., \$213; total	1,645 25
For race purses (horses).....	2,900 00
For race expenses (bicycle or other), in- cluding cost of prizes.....	173 89
For premiums on horses....	\$333 20
For premiums on cattle.....	946 50
For premiums on sheep.....	702 00
For premiums on swine....	155 60
For premiums on poultry...	418 00

For premiums on farm	
produce	\$226 00
For premiums on dairy	
products	31 00
For premiums on domestic...	467 10
For premiums on flowers....	26 85
For premiums on fruits.....	67 50
For premiums on miscella-	
neous	7 00
	<hr/>
Total premiums	\$3,380 75
	<hr/>
Total disbursements	\$10,955 06
	<hr/>
Balance (credit)	\$1,392 85
	<hr/>
L. A. Waldo	President.
Charles Adsit	Treasurer.

CAMBRIDGE VALLEY AGRICULTURAL SOCIETY AND STOCK BREEDERS' ASSOCIATION.

RECEIPTS.

Balance on hand at close of fiscal year 1897	\$693 01
From gate receipts	\$5,504 90
From rent of privileges	2,797 38
From entries for premiums	1,109 65
From hay, grain, rent of barn, etc.	128 54
From grand stand	1,867 25
From entries for races (horse)	718 00
From State	2,000 00
	<hr/>
Receipts for 1898	14,125 72
	<hr/>
Total receipts	\$14,818 73

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$2,497 07
For permanent improvements	459 56
For labor	377 10
For miscellaneous	578 30
For printing and advertising	1,486 38
For attractions	736 50
For hay, straw and grain	179 09
For salaries: Secretary, \$395; treasurer, \$125; office assistants, \$144; police, \$58.66; judges, \$126.32; superintendent, \$350.35; helpers, etc., \$505.50; total	1,704 83
For race purses (horses)	2,040 00
For premiums on horses	\$343 00
For premiums on cattle	1,324 50
For premiums on sheep	699 00
For premiums on swine	357 00
For premiums on poultry	1,026 95
For premiums on farm produce	196 50
For premiums on dairy products	21 00
For premiums on domestic	553 68
For premiums on flowers	46 30
For premiums on fruits	67 75
For premiums on miscellaneous	403 98
Total premiums	<u>5,039 66</u>
Total disbursements	\$15,098 49
Balance (debit)	<u><u>\$279 76</u></u>

Jerome B. Rice	President.
Henry A. Qua	Treasurer.

ALBANY COUNTY AGRICULTURAL SOCIETY AND EXPOSITION.

Balance on hand at close of fiscal year 1897.....	\$114 22
From gate receipts	\$3,176 25
From rent of grounds	18 00
From rent of privileges	933 25
From entries for premiums	149 00
From National Trotting Association, for penalties	22 50
From sale of forage.....	59 72
From entries for races (horse)	770 00
From entries for races (bicycle or other)	1 00
From capital stock sold	10 00
From bonds issued, notes given or any other obligation	1,050 00
From State	1,349 78
<hr/>	
Receipts for 1898	7,539 50
<hr/>	
Total receipts	\$7,653 72

DISBURSEMENTS.

For dues National Trotting Associa- tion	\$15 00
For forage	94 52
For counsel fees	40 00
For balance secretary's salary, \$12; for making report of 1897, \$10; total..	22 00

For payment of bonds, notes or other obligations	\$1,950 00	
For stationery, postage, printing and advertising	332 27	
For permanent improvements	625 17	
For miscellaneous expenses	377 81	
For labor	228 00	
For interest, taxes and insurance	103 75	
For salaries: Secretary, \$115; office assistants, \$38.25; police, \$27; judges, \$79.62; superintendent, \$23.20; total	283 07	
For race purses (horses)	1,745 00	
For race purses (bicycle or other) including cost of prizes	25 50	
For premiums on horses . . .	\$172 00	
For premiums on cattle . . .	413 00	
For premiums on sheep . . .	275 00	
For premiums on swine . . .	120 00	
For premiums on poultry . . .	247 00	
For premiums on farm produce	62 25	
For premiums on dairy products	16 00	
For premiums on domestic . .	402 00	
For premiums on flowers . . .	17 00	
For premiums on fruits . . .	65 75	
For premiums on miscellaneous	20 75	
Total premiums	1,810 75	
Total disbursements	\$7,652 84	
Balance (credit)	\$0 88	

Robert J. McCauley	President.
C. M. Frederick	Treasurer.

ALLEGANY.

RECEIPTS.

From gate receipts	\$654 07
From rent of privileges	120 50
From entries for premiums (class 12)..	42 00
From annual members	69 00
From entries for races (horse).....	138 88
From State	909 42
<hr/>	
Receipts for 1898	\$1,933 87
<hr/>	
Total receipts	\$1,933 87

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$185 23
For payment of bonds, notes or other obligations	30 77
For special attractions and band.....	145 00
For permanent improvements (material and labor)	182 18
For printing and advertising.....	128 33
For labor	81 79
For supplies, straw, grain, etc.	14 70
For water rent, \$10; revenue tax, \$8.34; revenue stamps, \$2.63; total,	20 97
For current and back dues to State Association County Agricultural Societies	30 00
For salaries: Secretary, \$50; treasurer, \$25; office assistants, \$16; police,	

\$27; judges, \$8; superintendent, \$5; helpers, etc., \$17.25; total	\$148 25
For race purses (horses)	360 00
For premiums on horses....	\$127 00
For premiums on cattle....	181 00
For premiums on sheep	39 00
For premiums on swine....	15 00
For premiums on poultry...	16 25
For premiums on farm prod- uce	35 50
For premiums on dairy prod- ucts	2 00
For premiums on domestic..	67 65
For premiums on implements and machines	3 00
For premiums on flowers...	9 40
For premiums on fruits....	5 50
For premiums on miscella- neous	3 55
Total premiums	504 85
Total disbursements	\$1,832 07
Balance (credit)	\$101 80
E. S. Bartlett	President.
Frank H. Jackson	Treasurer.

BROOME.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$91 96
From gate receipts	\$2,413 46
From rent of privileges	583 48

From two shares of stock.....	\$20 00	
From entries for races (horse).....	377 50	
From State	1,138 88	
	<hr/>	
Receipts for 1898		\$4,533 32
		<hr/>
Total receipts		\$4,625 28

DISBURSEMENTS.

July 15, for payment on old notes, Dec. 13, 1897	\$50 00
For payment of interest on old society notes	48 00
For hay, straw and feed.....	140 50
For permanent improvements	259 30
For dues National Trotting Associa- tion and State Assn. Agr. Soc.....	20 00
For labor	109 00
For material	156 34
For attractions	497 18
For rent of grounds	241 75
For advertising and printing	285 50
For salaries: Secretary, \$150; treasurer, \$100; police, \$46; judges, \$69; superintendent, \$160; helpers, etc., \$41; total	566 00
For race purses (horses)	890 00
For premiums on horses	\$154 00
For premiums on cattle	234 00
For premiums on sheep	72 50
For premiums on swine	20 00
For premiums on poultry ..	160 25
For premiums on farm prod- uce	56 75

For premiums on dairy products	\$4 00	
For premiums on domestic ..	148 75	
For premiums on implements and machines	33 00	
For premiums on flowers ...	15 75	
For premiums on fruits	47 75	
For premiums on miscellaneous	127 50	
	<hr/>	
Total premiums	\$1,074 25	
	<hr/>	
Total disbursements		\$4,335 82
		<hr/>
Balance (credit)		\$289 46
		<hr/> <hr/>
Harry J. Wattles		President.
P. H. Landers		Treasurer.

CATTARAUGUS.

RECEIPTS.

Balance on hand at close of fiscal year 1897		\$152 70
From gate receipts	\$2,710 45	
From rent of privileges	447 40	
From entries for races (bicycle or other),	377 00	
From interest on money	1 56	
From village of Little Valley	5 00	
From State	980 40	
	<hr/>	
Receipts for 1898		4,521 81
		<hr/>
Total receipts		\$4,674 51

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$248 00
For permanent improvements	464 45
For labor	250 53
For material	247 31
For Japanese troupe	350 00
For band	75 00
For salaries: Secretary, \$50; treasurer, \$30; office assistants, \$51.50; police, \$82.50; judges, \$3; superintendent, \$29; helpers, etc., \$24; total.	270 00
For race purses (horses)	1,113 50
For race purses (bicycle or other), including cost of prizes, ball game.	61 05
For premiums on horses	\$103 50
For premiums on cattle	280 50
For premiums on sheep	64 00
For premiums on swine	15 00
For premiums on poultry	113 50
For premiums on farm produce	56 10
For premiums on dairy products	11 00
For premiums on domestic.	264 65
For premiums on implements and machines	2 25
For premiums on flowers	12 05
For premiums on fruits	11 30
For premiums on miscellaneous	20 05
<hr/>	
Total premiums	953 00

For taxes, \$17.29; insurance, \$42.50; dues, \$29.17; total	\$88 96	
Total disbursements		\$4,122 70
Balance (credit)		\$551 81
C. R. Rhoads		President.
E. L. Campbell		Treasurer.

CAYUGA.

RECEIPTS.

From gate receipts	\$435 85	
From rent of privileges	80 02	
From annual members	144 00	
Total receipts		\$659 87

DISBURSEMENTS.

For labor	\$46 00	
For advertising, printing, rent, etc...	188 88	
For salaries: Office assistants, \$20; po- lice, \$25; total	45 00	
For race purses (horses)	130 00	
For premiums on horses ...	\$22 00	
For premiums on cattle ...	109 00	
For premiums on swine ...	36 00	
For premiums on poultry ...	15 75	
For premiums on farm prod- uce	1 50	
For premiums on dairy prod- ucts	6 00	

For premiums on miscella-

neous \$58 25

Total premiums \$248 50

Total disbursements \$658 38

Balance (credit) \$1 49

I. D. Remington President.

Robert F. Young Treasurer.

CHEMUNG.

RECEIPTS.

Balance on hand at close of fiscal year 1897 \$77 84

From gate receipts \$1,952 16

From rent of grounds 75 00

From rent of privileges 399 00

From entries for premiums 37 00

From annual members 262 00

From grand stand 214 05

From entries for races (horse) 175 00

From entries for races (bicycle or
other) 91 70

From donations 15 00

From bonds issued, notes given or any
other obligation 1,050 00

From State 1,208 69

Receipts for 1898 5,479 60

Total receipts \$5,557 44

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$72 00	
For labor	417 67	
For material	245 71	
For advertising	650 70	
For attractions	572 50	
For miscellaneous	498 63	
For salaries: Secretary, \$100; office assistants, \$185; police, \$140.09; judges, \$34.67; helpers, etc., \$121.35; total	581 11	
For race purses (horses)	1,187 44	
For premiums on horses . . .	\$257 00	
For premiums on cattle	71 00	
For premiums on sheep	58 00	
For premiums on swine ...	250 25	
For premiums on poultry ..	96 25	
For premiums on farm produce	6 00	
For premiums on dairy products	258 25	
For premiums on implements and machines	176 00	
For premiums on flowers ..	29 00	
	<hr/>	
Total premiums	1,259 75	
	<hr/>	
Total disbursements	\$5,485 51	
	<hr/>	
Balance (credit)	\$71 93	
	<hr/> <hr/>	
Frank J. Cassada	President.	
E. J. Young	Treasurer.	

CHENANGO.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$42 55
From gate receipts	\$1,794 59
From rent of grounds	135 03
From rent of privileges	269 83
From grand stand	401 15
From fair-book account	210 00
From miscellaneous	3 20
From bonds issued, notes given or any other obligation	147 50
From State	1,159 08
Receipts for 1898	4,120 38
Total receipts	\$4,162 93

DISBURSEMENTS.

For payment of bonds, notes or other obligations, including amount from notes above	\$1,118 86
For attractions	500 00
For printing, \$306.30; band, \$75; total	381 30
For labor, all kinds	243 02
For material, all kinds	106 17
For tent hire, \$38; hotel bills, \$41.74; livery, \$35.75; total	115 49
For County Association, \$10; National Association, \$5; postage, \$12.90; total	27 90
For license	9 17
For salaries: Police, \$20; judges, \$34.50; total	54 50

For race purses (horses)	\$640 00	
For keeping horses	27 50	
For premiums on horses ...	\$78 00	
For premiums on cattle	322 35	
For premiums on sheep	83 63	
For premiums on swine ...	29 00	
For premiums on poultry ..	183 39	
For premiums on farm prod- uce	31 65	
For premiums on dairy prod- ucts	34 90	
For premiums on domestic..	35 25	
For premiums on implements and machines	21 75	
For premiums on flowers ...	10 05	
For premiums on fruits	13 55	
For premiums on miscella- neous	100 85	
Total premiums	944 37	
Total disbursements		\$4,168 28
Balance (debit)		\$5 35
C. W. Lanpher		President.
Geo. S. Munson		Treasurer.

CLINTON.

RECEIPTS.

Balance on hand at close of fiscal year 1897	\$3,418 55
From gate receipts	\$5,859 50
From rent of privileges ..	1,289 37

From entries for premiums	\$290 50	
From entries for races (horse)	2,323 00	
From sundry sources	38 46	
From State	1,686 60	
		<hr/>
Receipts for 1898		\$11,487 43
		<hr/>
Total receipts		\$14,905 98

DISBURSEMENTS.

Balance due at close of fiscal year 1897, .	\$109 87
For permanent improvements	200 00
For dividends and repairs of track and buildings	2,044 72
For special attractions	225 00
For bills, advertising, printing and sun- dry expenses	1,474 37
For insurance	325 50
For salaries: Secretary, \$300; treas- urer, \$150; office assistants, \$47; po- lice, \$189.50; judges, \$72.50; super- intendent, \$100; helpers, etc., \$199.50; total	1,058 50
For race purses (horses)	4,107 50
For premiums on horses	\$218 00
For premiums on cattle	852 00
For premiums on sheep	328 00
For premiums on swine	194 00
For premiums on poultry	120 50
For premiums on farm prod- uce	89 25
For premiums on dairy prod- ucts	23 00
For premiums on domestic..	139 50

For premiums on implements and machines	\$69 00	
For premiums on flowers . . .	67 25	
For premiums on fruits	29 00	
For premiums on miscella- neous	300 25	
	<hr/>	
Total premiums	\$2,429 75	
	<hr/>	
Total disbursements		\$11,975 21
		<hr/>
Balance (credit)		\$2,930 77
		<hr/> <hr/>
D. F. Dobie		President.
M. F. Parkhurst		Treasurer.

COLUMBIA.

RECEIPTS.

Balance on hand at close of fiscal year 1897		\$21 25
From gate receipts	\$3,755 00	
From sale of sprinkler	14 96	
From rent of privileges	1,257 92	
From entries for premiums	134 00	
From annual members	206 00	
From advertising in premium list	325 50	
From entries for races (horse)	1,350 00	
From entries for races (discounts)	8 15	
From donations	93 00	
From bonds issued, notes given or any other obligation	5,500 00	
From State	1,589 51	

From guarantee refunded by railroad company	\$100 00
Receipts for 1898	\$14,334 04
Total receipts	\$14,355 29

DISBURSEMENTS.

Balance due at close of fiscal year 1897, (unpaid premiums, 1897)	\$14 25
For payment of bonds, notes or other obligations, including interest	4,866 38
For printing and advertising	1,137 98
For permanent improvements	291 85
For dues State and National Associa- tion	34 00
For labor, care of stock, \$69.96; ex- penses and commissions, \$167.74; water rent, \$31.25; total	268 95
For material	381 11
For bands	361 85
For attractions	426 60
For floral parade	274 63
For salaries: Secretary, \$100; treasurer, \$50; office assistants, \$159; police, \$126.25; judges, \$190.60; superin- tendent, \$22; helpers, etc., \$161.15; total	373 75
For race purses (horses)	2,650 00
For insurance	36 28
For premiums on horses	\$266 00
For premiums on cattle	304 00
For premiums on sheep	331 00
For premiums on swine	75 00
For premiums on poultry	299 75

For premiums on farm prod- uce	\$84 50	
For premiums on dairy prod- ucts	16 00	
For premiums on domestic..	218 75	
For premiums on implements and machines	47 75	
For premiums on flowers . . .	116 50	
For premiums on fruits	59 00	
For premiums on miscella- neous	702 20	
Total premiums	\$2,520 45	
For guarantee, railroad company	100 00	
Total disbursements		\$14,167 33
Balance (credit)		\$187 96
John P. Mickle		President
H. J. Baringer		Treasurer

CORTLAND.

RECEIPTS.

From gate receipts, \$2,211.34; grand stand receipts, \$300.50	\$2,511 84
From rent of grounds	278 65
From rent of privileges	313 00
From advertising in premium list and on fence	277 00
From entries for races (horse)	517 00

From miscellaneous	\$14 10	
From State	1,155 26	
		<hr/>
Receipts for 1898		\$5,066 85
		<hr/>
Total receipts		\$5,066 85

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$376 99
For permanent improvements and re-	
pairs	468 46
For labor	186 91
For material, supplies and general ex-	
penses	432 10
For printing and advertising	648 85
For insurance	50 00
For special attractions	333 22
For salaries: Secretary, \$150; office	
assistants, \$80; police, \$88.24;	
judges, \$75.92; helpers, etc., \$38.31;	
total	432 47
For race purses (horses)	932 50
For premiums on horses	\$91 50
For premiums on cattle	317 50
For premiums on sheep	15 00
For premiums on swine	85 00
For premiums on poultry	179 88
For premiums on farm prod-	
uce	26 70
For premiums on dairy prod-	
ucts	37 75
For premiums on domestic..	112 90
For premiums on flowers...	58 50
For premiums on fruits....	19 95

For premiums on miscella-

neous \$206 10

Total premiums \$1,150 78

Total disbursements \$5,012 28

Balance (credit) \$54 57

Geo. H. Hyde President.

Chas. T. Brown Treasurer.

DELAWARE.

RECEIPTS.

Balance on hand at close of fiscal year 1897 \$92 52

From gate receipts \$821 60

From rent of grounds 50 00

From rent of privileges 200 00

From entries for premiums 150 50

From donations 10 00

From bonds issued, notes given or any
other obligation 546 79

From State 1,174 47

Receipts for 1898 2,953 36

Total receipts \$3,045 88

DISBURSEMENTS.

For payment of bonds, notes or other
obligations \$846 03

For labor 271 04

For material 171 72

For salaries: Secretary, \$60; treasurer, \$20; office assistants, \$35; police, \$32; judges, \$73.81; superintendent, \$22; helpers, etc., \$58; total.....	\$292 81	
For race purses (bicycle or other), including cost of prizes	347 00	
For premiums on horses....	\$99 60	
For premiums on cattle....	291 95	
For premiums on sheep....	108 00	
For premiums on swine....	85 00	
For premiums on poultry...	106 93	
For premiums on farm produce	67 94	
For premiums on dairy products	9 00	
For premiums on domestic..	189 06	
For premiums on flowers...	10 00	
For premiums on fruits....	62 40	
For premiums on miscellaneous	87 40	
Total premiums	1,117 28	
Total disbursements	\$3,045 88	
W. H. Fisher	President.	
W. D. Smith	Treasurer.	

DUTCHESS.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$106 31
From gate receipts	\$5,948 94
From rent of privileges	1,081 21

From entries for premiums	\$1,520 98	
From entries for races (horse)	452 50	
From donations	35 00	
From bonds issued, notes given or any other obligation	2,500 00	
From State	2,881 62	
		<hr/>
Receipts for 1898		\$14,420 25
		<hr/>
Total receipts		\$14,526 56

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$2,224 27	
For printing and advertising	1,661 39	
For attractions	558 00	
For badges and premium ribbons	245 48	
For labor	135 10	
For material	330 55	
For incidental expenses	540 92	
For salaries: Office assistants, \$130.50; police, \$177.75; judges, \$119.35; superintendent, \$197.59; helpers, etc., \$588.34; total	1,213 53	
For race purses (horses)	1,882 50	
For premiums on horses	\$1,492 00	
For premiums on cattle	1,584 00	
For premiums on sheep	273 00	
For premiums on swine	35 00	
For premiums on poultry	1,554 00	
For premiums on farm produce	125 80	
For premiums on dairy products	8 00	
For premiums on flowers	26 50	

For premiums on fruits..	\$184 00	
For premiums on miscella- neous	308 60	
	<hr/>	
Total premiums	\$5,590 90	
	<hr/>	
Total disbursements		\$14,382 64
		<hr/>
Balance (credit)		\$143 92
		<hr/>
Reginald W. Rives		President.
Augustus B. Gray		Treasurer.

ERIE.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....		\$179 18
From gate receipts	\$4,371 25	
From rent of grounds	55 00	
From rent of privileges	689 10	
From entries for premiums	142 90	
From annual members	396 00	
From entries for races (horse).....	940 00	
From score cards	33 22	
From pasturage	5 00	
From State	1,652 73	
	<hr/>	
Receipts for 1898		8,285 20
		<hr/>
Total receipts		\$8,464 38

DISBURSEMENTS.

For permanent improvements	\$1,275 83
For labor	141 87
For material	237 52

For association dues and war revenue,	\$73 76	
For printing and advertising	246 21	
For salaries: Secretary, \$50; treasurer, \$50; office assistants, \$240.37; police, \$2.71; judges, \$78.81; superintend- ent, \$25; helpers, etc., \$1,056.98; total	1,772 16	
For race purses (horses)	2,000 00	
For premiums on horses....	\$380 00	
For premiums on cattle....	395 50	
For premiums on sheep....	81 00	
For premiums on swine....	181 00	
For premiums on poultry..	343 25	
For premiums on farm prod- uce	136 75	
For premiums on dairy prod- ucts	15 00	
For premiums on domestic..	788 50	
For premiums on implements and machines	131 50	
For premiums on flowers...	89 25	
For premiums on fruits....	68 50	
For premiums on miscella- neous	20 35	
	<hr/>	
Total premiums	2,630 60	
	<hr/>	
Total disbursements		\$8,377 95
		<hr/>
Balance (credit)		\$86 43
		<hr/> <hr/>
Edward E. Hepp		President.
John A. Kloepper		Treasurer.

ESSEX.

RECEIPTS.

Balance on hand at close of fiscal year	\$138 08
From gate receipts	\$2,152 75
From rent of grounds	292 25
From entries in Futurity stakes	223 50
From entries for races (horse)	766 50
From sale of hay and old office.	37 82
From State	906 26
<hr/>	
Receipts for 1898	4,395 33
<hr/>	
Total receipts	\$4,533 41

DISBURSEMENTS.

For band	\$80 00
For printing and advertising	358 55
For permanent improvements, including track building	577 39
For attractions, Ray Burton, \$200; ball games, \$85.65; total	285 65
For salaries: Secretary, \$50; treasurer, \$50; office assistants, \$26; police, \$86.75; judges, \$109.38; marshals, \$23.15; gate-tenders, etc., \$30; total,	162 53
For race purses (horses)	1,620 00
For race purses (bicycle or other), including cost of prizes	20 00
For premiums on horses	\$112 50
For premiums on cattle	126 00
For premiums on sheep	111 60
For premiums on swine	27 00
For premiums on poultry	26 35

For premiums on farm prod-		
uce	\$44 42	
For premiums on dairy prod-		
ucts	9 00	
For premiums on domestic..	50 98	
For premiums on implements		
and machines	29 70	
For premiums on flowers ...	2 89	
For premiums on fruits	19 28	
For premiums on miscella-		
neous	68 47	
	<hr/>	
Total premiums	\$628 19	
Miscellaneous expenses	185 00	
	<hr/>	
Total disbursements		\$4,221 06
		<hr/>
Balance (credit), cash, including Futurity		
stakes		\$312 35
		<hr/>
Warren A. Tucker		President.
A. J. Daniels		Treasurer.

FRANKLIN.

RECEIPTS.

Balance on hand at close of fiscal year 1897		\$43 64
From gate receipts	\$6,034 89	
From rent of grounds	1,205 00	
From rent of privileges	50 00	
From entries for races (horse)	3,585 50	
From grand stand	1,662 50	
From State	1,446 19	
	<hr/>	
Receipts for 1898		13,984 08
		<hr/>
Total receipts		\$14,027 72

DISBURSEMENTS.

For attractions	\$1,473 94	
For labor	474 24	
For material	71 26	
For miscellaneous	1,629 71	
For salaries: President, \$50; secretary, \$150; treasurer, \$100; office assist- ants, \$82; police, \$236; judges, \$57; superintendent, \$50; helpers, etc., \$105.80; total	830 80	
For race purses (horses)	6,250 00	
For premiums on horses	\$307 00	
For premiums on cattle	427 50	
For premiums on sheep	94 00	
For premiums on swine	193 50	
For premiums on poultry	68 50	
For premiums on farm prod- uce	28 00	
For premiums on dairy prod- ucts	44 50	
For premiums on domestic	274 00	
For premiums on implements and machines	24 00	
For premiums on flowers	48 00	
For premiums on fruits	53 00	
For premiums on miscella- neous	487 25	
Total premiums	2,049 25	
Total disbursements		\$12,779 20
Balance (credit)		\$1,248 52
Edward W. Lawrence		President.
Tom Adams		Treasurer.

GENESEE.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$1,207 15
From gate receipts	\$3,596 00
From rent of grounds	55 00
From rent of privileges	452 75
From annual members	481 00
From life members	70 00
From entries for races (horse).....	431 50
From entries for races (bicycle or other)	2 50
From premiums donated, \$10.45; other sources, \$3.35; total.....	13 80
From advertisements in catalogue....	41 50
From State	1,261 22
<hr/>	
Receipts for 1898	6,405 27
<hr/>	
Total receipts	\$7,612 42

DISBURSEMENTS.

For payment of two mortgages.....	\$2,650 00
For interest, \$159.02; insurance, \$45; total	204 02
For permanent improvements	106 80
For bands and attractions	271 12
For labor	134 50
For material	100 85
For advertising and printing, \$309.16; telegraph and telephone, \$8.73; total	317 89
For postage, \$15; war tax and revenue stamps, \$16.33; livery, \$17.25; cash paid by secretary for sundries, \$44.07; dues, \$20; total.....	112 65

For expenses president to Albany, \$17.50; winners during fair, \$98.50; directors' meetings, \$27.50; miscella- neous, \$15.12; total	\$158 62	
For salaries: Secretary, \$75; treasurer, \$25; office assistants, \$91; police, \$103.75; judges, \$30; superintendent, \$39.50; helpers, etc., \$40.50; total..	404 75	
For race purses	956 00	
For premiums on horses....	\$337 50	
For premiums on cattle....	192 00	
For premiums on sheep....	168 00	
For premiums on swine....	121 00	
For premiums on poultry...	151 25	
For premiums on farm prod- uce	66 25	
For premiums on dairy prod- ucts	13 00	
For premiums on domestic..	82 60	
For premiums on implements and machines	33 00	
For premiums on flowers...	21 50	
For premiums on fruits....	89 50	
For premiums on miscella- neous	78 00	
Total	1,353 60	
Total disbursements		\$6,770 80
Balance (credit)		\$841 62
F. T. Miller		President.
C. D. Harris		Treasurer.

FULTON.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$67 80
From gate receipts	\$4,015 40
From rent of grounds	402 45
From rent of privileges	647 29
From entries for premiums	583 25
From annual members	143 00
From entries for races (horse).....	890 00
From dining hall	377 29
From note given People's Bank.....	575 59
From State	1,770 09
<hr/>	
Receipts for 1898	9,404 36
<hr/>	
Total receipts	\$9,472 16

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$286 74
For permanent improvements	337 01
For labor	1,107 24
For material	248 08
For insurance on building	195 77
For attractions and music	479 00
For printing and advertising	269 70
For salaries: Secretary, \$100; treasurer, \$100; office assistants, \$22.50; police, \$108.31; judges, \$176.86; superintendent, \$112.55; helpers, etc., \$492.60; total	1,112 82
For race purses (horses)	2,290 00

For premiums on horses ...	\$185 00	
For premiums on cattle	592 00	
For premiums on sheep	138 00	
For premiums on swine ...	267 00	
For premiums on poultry...	665 00	
For premiums on farm prod- uce	350 75	
For premiums on dairy prod- ucts	14 00	
For premiums on domestic..	602 30	
For premiums on implements and machines	59 00	
For premiums on flowers...	53 00	
For premiums on fruits....	40 00	
For premiums on miscella- neous	79 50	
<hr/>		
Total premiums	\$3,045 80	
<hr/>		
Total disbursements		\$9,371 91
<hr/>		
Balance on hand		\$99 75
<hr/>		
James I. Younglove		President.
D. A. Hays		Treasurer.

GREENE.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$29 57
From gate receipts	\$1,829 00
From rent of privileges.....	582 45

From annual members	\$46 00	
From life members	40 00	
From entries for races (horse), and horses for premiums	152 00	
From bonds issued, notes given or any other obligation	125 00	
From State	954 88	
		<hr/>
Receipts for 1898		\$3,729 33
		<hr/>
Total receipts		\$3,758 90

DISBURSEMENTS.

For payment of interest	\$399 67
For permanent improvements	950 00
For labor and material	405 74
For salaries	500 00
For race purses (horses)	1,119 50
For race purses (bicycle or other), in- cluding cost of prizes	20 00
For premiums on horses	\$70 00
For premiums on cattle	160 00
For premiums on sheep	24 00
For premiums on swine	21 00
For premiums on poultry	32 75
For premiums on farm prod- uce	38 75
For premiums on dairy prod- ucts	15 00
For premiums on domestic	149 25
For premiums on implements and machines	6 50
For premiums on flowers	20 25
For premiums on fruits	17 50

For premiums on miscella-

neous \$35 00

Total premiums \$590 00

Total disbursements \$3,984 91

Balance (debit) \$226 01

F. G. Walters President.

C. E. Whitcomb Treasurer.

HERKIMER.

RECEIPTS.

Balance on hand at close of fiscal year 1897 \$484 34

From gate receipts \$1,266 75

From rent of grounds 140 00

From rent of privileges 307 75

From annual members 809 00

From life members 250 00

From entries for races (horse) 260 00

From State 1,028 67

Receipts for 1898 4,062 17

Total receipts \$4,546 51

DISBURSEMENTS.

For payment of bonds, notes or other

obligations \$96 00

For permanent improvements 454 96

For labor 134 71

For material 656 91

For incidentals and supplies 506 85

For dues State Association, \$10; insurance premium, \$40	\$50 00
For legal services	62 00
For salaries: Secretary, \$45; treasurer, \$25; office assistants, \$120; police, \$147; judges, \$20; superintendent, \$72; helpers, etc., \$33; total.....	462 00
For race purses (horses).....	842 00
For premiums on horses.....	\$145 00
For premiums on cattle.....	174 00
For premiums on sheep.....	31 50
For premiums on swine.....	31 00
For premiums on poultry...	40 50
For premiums on farm produce	82 15
For premiums on dairy products	101 88
For premiums on domestic..	274 05
For premiums on flowers....	36 25
For premiums on fruits.....	36 80
For premiums on miscellaneous	47 45
Total premiums	<u>1,000 58</u>
Total disbursements	\$4,266 01
Balance (credit)	<u><u>\$280 50</u></u>
John W. Humphrey.....	President.
William M. Smith.....	Treasurer.

JEFFERSON.

RECEIPTS.

From gate receipts.....	\$3,474 13	
From rent of grounds.....	182 46	
From rent of privileges.....	974 50	
From grand stand receipts.....	838 34	
From annual members	981 00	
From life members	20 00	
From entries for races (horse).....	914 00	
From rent of barns.....	140 00	
From miscellaneous	115 89	
From State	1,515 76	
		<hr/>
Total receipts		\$9,155 99

DISBURSEMENTS.

Balance due at close of fiscal year 1897..	\$715 27
For rent of land.....	400 00
For permanent improvements.....	1,181 67
For labor	346 25
For painting	484 64
For insurance	57 40
For attractions	427 50
For miscellaneous expenses.....	544 01
For salaries: Secretary, \$200; treasurer, \$75; office assistants, \$147; police, \$285; president, \$16; judges, \$93; superintendent, \$183; directors, help- ers, etc., \$209; total.....	1,208 00
For race purses (horses).....	1,880 00
For premiums on horses	\$354 00
For premiums on cattle.....	562 00
For premiums on sheep.....	125 00
For premiums on swine.....	240 00

For premiums on poultry...	\$475 50	
For premiums on farm prod-		
uce	229 50	
For premiums on dairy prod-		
ucts	35 00	
For premiums on domestic..	254 65	
For premiums on flowers....	172 00	
For premiums on fruits...	92 50	
For premiums on miscella-		
neous	189 60	
<hr/>		
Total premiums	\$2,729 75	
<hr/>		
Total disbursements		\$9,974 49
<hr/>		
Balance (debit)		\$818 50
<hr/>		
F. M. Parker.....		President.
C. E. Hadcock.....		Treasurer.

LEWIS.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$117 34
From gate receipts.....	\$2,521 25
From rent of grounds	7 00
From rent of privileges.....	495 65
From annual members.....	790 00
From entries for races (horse).....	200 00
From hay and apples.....	31 00

From notes given	\$1,850 00	
From State	1,149 17	
		<hr/>
Receipts for 1898		\$7,044 07
		<hr/>
Total receipts		\$7,161 41

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$3,092 99
For permanent improvements.....	190 55
For attractions, \$642.50; for printing, \$239.22; total	881 72
For labor	69 00
For material	27 80
For insurance, office rent, dues, water, express, stationery and incidentals audited, vouchers for which are on file in the office	263 00
Salaries: Secretary, \$75; treasurer, \$75; office assistants, \$64; police, \$135.50; judges, \$34.25; superintendent, \$110; helpers, etc., \$59.35; total....	553 10
For race purses (horses).....	602 00
For premiums on horses....	\$171 00
For premiums on cattle.....	340 00
For premiums on sheep.....	15 00
For premiums on swine	56 00
For premiums on poultry...	79 25
For premiums on farm produce	56 75
For premiums on dairy products	85 00
For premiums on domestic...	176 25
For premiums on implements and machines	52 25

For premiums on flowers..	\$50 50	
For premiums on fruits.....	41 75	
For premiums on miscella- neous	36 75	
Total premiums	\$1,160 50	
Total disbursements		\$6,840 66
Balance (credit)		\$320 75
M. S. Ives.....		President.
Ira Sharp		Treasurer.

MADISON — BROOKFIELD AGRICULTURAL SOCIETY.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....		\$114 46
From gate receipts.....	\$753 80	
From rent of grounds.....	20 00	
From rent of privileges.....	242 50	
From annual members.....	973 50	
From sale of wire.....	75	
From entries for races (horse)	189 50	
From entries for races (bicycle or other)	3 00	
From grand stand.....	191 70	
From J. D. C. note, \$275; B. M. in- terest, \$1,043.55; total.....	1,318 55	
From State	1,077 70	
Receipts for 1898.....		4,771 00
Total receipts		\$4,885 46

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$810 49
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For permanent improvements	\$1,189 28	
For labor	291 64	
For material	434 57	
For premiums, 1897.	3 00	
For music	80 00	
For attractions	75 00	
For salaries: Secretary, \$30; treasurer, \$30; office assistants, \$16.50; police, \$27.25; judges, \$47.75; superintend- ent, \$32; helpers, etc., \$76.72; total..	260 22	
For race purses (horses)	490 00	
For race purses (bicycle or other), in- cluding cost of prizes	26 58	
For premiums on horses	\$169 00	
For premiums on cattle	206 50	
For premiums on sheep	51 50	
For premiums on swine	12 00	
For premiums on poultry	123 19	
For premiums on farm prod- uce	46 86	
For premiums on dairy prod- ucts	5 50	
For premiums on domestic	128 36	
For premiums on flowers	12 63	
For premiums on fruits	14 00	
For premiums on miscella- neous	9 50	
Total premiums	779 04	
Total disbursements	\$1,439 82	
Balance (credit)	\$445 64	
II. L. Spooner	President.	
B. G. Stillman, Jr.	Treasurer.	

MONTGOMERY.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$1,129 02
From gate receipts and grand stand....	\$2,065 30
From rent of grounds, \$3; fine money, \$9; hay, \$136.75; total.....	148 75
From rent of privileges.....	364 65
From entries for premiums.....	163 45
From annual members.....	110 00
From life members.....	85 00
From entries for races (horse).....	400 00
From bonds issued, notes given or any other obligation	1,800 00
From State	1,180 14
Receipts for 1898.....	3,617 29
Total receipts	<u>\$7,446 31</u>

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$1,186 89
For permanent improvements.....	1,862 40
For printing	194 75
For labor	226 89
For material	117 66
For music	180 25
For special attractions.....	276 35
For salaries: Secretary, \$125; treasurer, \$40; office assistants, \$40; police, \$33; judges, \$97.09; superintendent, \$108; helpers, etc., \$22.75; total....	465 84
For race purses (horses).....	1,425 00

For premiums on horses.....	\$225 80	
For premiums on cattle.....	226 00	
For premiums on sheep.....	130 00	
For premiums on swine.....	108 00	
For premiums on poultry...	170 60	
For premiums on dairy products	130 25	
For premiums on domestic..	208 75	
For premiums on implements and machines	30 00	
For premiums on flowers....	95 90	
For premiums on miscellaneous	82 50	
<hr/>		
Total premiums	\$1,407 80	
<hr/>		
Total disbursements		\$7,343 83
<hr/>		
Balance (credit)		\$102 48
<hr/>		
Z. S. Westbrook.....		President.
William Wiles		Treasurer.

AMERICAN INSTITUTE OF THE CITY OF NEW YORK.

RECEIPTS.

Balance on hand at close of fiscal year 1897,	
December 1st	\$14,512 27
From gate receipts, 1897 fair (1898 not reported)	\$11,986 20
From rent of grounds, buildings, etc...	8,561 66
From rent of privileges, spaces and miscellaneous	13,285 22

From entries for premiums, to pay pre- miums 1898 fair	\$1,468 00	
From annual members.....	190 00	
From miscellaneous receipts.....	19 71	
From interest on U. S. bonds and bal- ances	1,146 13	
From State	1,824 77	
	<hr/>	
Receipts for 1898		\$38,481 69
		<hr/>
Total receipts		\$52,993 96

DISBURSEMENTS.

For material	\$77 80	
For payments Sixty-sixth Fair, Madison Square Garden, 1897	26,874 51	
For payments Sixty-seventh display Na- tional Academy of Design, 1898....	4,006 55	
For general maintenance	3,102 11	
For salaries: Office assistants, \$3,854.50; superintendent, \$2,700; helpers, etc., \$2,237.63; total	8,792 13	
For premiums on farm prod- uce	\$269 00	
For premiums on fruits.....	925 00	
For premiums on miscella- neous	396 00	
	<hr/>	
Total premiums	1,590 00	
	<hr/>	
Total disbursements		44,443 10
		<hr/>
Balance (credit)		\$8,550 86
		<hr/> <hr/>
Jasper J. Little.....		President.
W. H. Oakley.....		Treasurer.

NIAGARA.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$403 75
Interest from bank, on balance.....	\$0 50
From gate receipts.....	1,758 90
From rent of grounds.....	88 00
From rent of privileges	128 50
From annual members.....	187 00
From entries for races (horse).....	97 50
From note, \$100; discount, \$1.50.....	98 50
From State	1,065 88
Receipts for 1898.....	3,424 78
Total receipts	\$3,828 53

DISBURSEMENTS.

Balance due at close of fiscal year 1897: Treasurer's salary, \$100; premiums, \$1,200; directors' fees, \$146; taxes, \$25.04; insurance, \$12; total	\$295 01
For payment of bonds, notes or other obligations	535 00
For permanent improvements.....	368 74
For labor	25 80
For salaries: Secretary, \$100; treasurer, \$100; office assistants, \$75; police, \$140.50; helpers, etc., \$85; total....	500 50
For race purses (horses).....	353 51
For sundries, taxes, supplies, feed, etc., directors' fees	756 05
For premiums on horses....	\$172 00
For premiums on cattle.....	134 00

For premiums on sheep.....	\$93 00	
For premiums on swine.....	29 00	
For premiums on poultry...	49 50	
For premiums on farm prod- uce	62 30	
For premiums on dairy prod- ucts	15 00	
For premiums on domestic..	188 75	
For premiums on implements and machines	12 00	
For premiums on flowers.....	73 75	
For premiums on fruits.....	56 00	
For premiums on miscella- neous	23 00	
<hr/>		
Total premiums	\$908 30	
<hr/>		
Total disbursements		\$3,742 91
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Balance (credit)		\$85 62
<hr/>		
Geo. H. Bradley.....		President.
J. S. Woodward.....		Treasurer.

ONEIDA.

RECEIPTS.

From gate receipts	\$2,200 59
From rent of grounds	250 00
From rent of privileges	597 29
From error voucher, 1897	10 00
From annual members	375 00
From life members	30 00
From entries for races (horse)	665 00

From rent for coops	\$55 00
From tickets to grand stand	518 00
From State	1,454 24

Total receipts	\$6,155 12
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DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$1,403 28
For insurance, \$108; amusements, \$425; total	533 00
For permanent improvements	182 86
For membership and expenses Association County Agricultural Societies..	29 10
For labor	659 26
For material	436 55
For membership National Trotting Association	15 00
For revenue tax	8 34
For miscellaneous bills	13 09
For salaries: Secretary, \$50; treasurer, \$50; office assistants, \$82.50; police, \$147.25; judges, \$42.70; superintendent, \$11.50; total	383 95
For race purses (horses)	1,650 00
For premiums on horses ...	\$65 00
For premiums on cattle	242 00
For premiums on sheep ...	49 75
For premiums on swine ...	54 50
For premiums on poultry ..	101 11
For premiums on farm produce	31 00
For premiums on dairy products	9 50
For premiums on domestic..	170 09

For premiums on flowers . . .	\$9 00	
For premiums on fruits . . .	34 50	
	<hr/>	
Total premiums	\$766 45	
	<hr/>	
Total disbursements		\$6,080 88
		<hr/>
Balance (credit)		\$74 24
		<hr/> <hr/>
Charles A. Pratt		President.
W. D. Reese		Treasurer.

ONONDAGA.

RECEIPTS.

Balance on hand at close of fiscal year 1897.		\$16 64
From gate receipts	\$3,084 00	
From rent of grounds	3,050 00	
From rent of privileges	1,465 50	
From entries for premiums	372 56	
From note	400 00	
From State	1,756 19	
Miscellaneous	139 05	
	<hr/>	
Receipts for 1898		10,267 30
		<hr/>
Total receipts		\$10,283 94

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$2,905 44
For permanent improvements	80 00
For labor	354 15
For printing, office expenses, etc.	451 42
For attractions and music	2,150 00

For internal revenue license	\$91 67	
For salaries: Secretary and treasurer, \$400; office assistants, \$226; police, \$670; judges, \$65; superintendent, \$10; helpers, etc., \$249.75; total ..	1,620 75	
For premiums on horses ...	\$307 00	
For premiums on cattle	203 00	
For premiums on sheep ...	113 00	
For premiums on swine ...	231 00	
For premiums on poultry ..	583 75	
For premiums on farm prod- uce	121 00	
For premiums on dairy prod- ucts	48 00	
For premiums on domestic.	231 10	
For premiums on flowers ..	69 50	
For premiums on fruits ...	156 25	
For premiums on miscella- neous	88 00	
<hr/>		
Total premiums	2,151 60	
For miscellaneous expenses of all kinds	524 10	
<hr/>		
Total disbursements .	\$11,677 43	
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Balance (debit)	\$1,393 49	
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J. Wiltsie Knapp	President.	
N. H. Chapman	Treasurer.	

ONTARIO.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$13 17
From gate receipts	\$2,004 75
From rent of grounds	100 00

From rent of privileges	\$223 05	
From annual members	253 00	
From life members	10 00	
From entries for races (horse)	117 50	
From donations	10 00	
From bonds issued, notes given or any other obligation	850 00	
From State	1,088 74	
	<hr/>	
Receipts for 1898		\$4,657 04
		<hr/>
Total receipts		\$4,670 21

DISBURSEMENTS.

Balance due at close of fiscal year 1897	\$223 83
For permanent improvements	827 99
For printing	278 80
For labor	96 27
For delegates to Albany, \$19.16; dues to State association, \$10; band, \$50; dinners, \$41; guideless horse, \$100; flags, \$14.80; postage and express, \$24.34; license and revenue stamps, \$14.34; insurance, \$84.37; hay and straw, \$8.34; wheat and corn, \$11.50; furniture, \$84; other expenses, \$76.70	613 32
For salaries: Secretary, \$50; treasurer, \$50; office assistants, \$118; police, \$89; judges, \$56.46; superintendent, \$44; helpers, etc., \$20; total	427 46
For race purses (horses)	571 00
For race purses (bicycle or other), in- cluding cost of prizes	20 00
For premiums on horses	\$256 00
For premiums on cattle	244 00

For premiums on sheep	\$198 00	
For premiums on swine ...	193 00	
For premiums on poultry ..	231 25	
For premiums on farm prod- uce	202 52	
For premiums on domestic.	236 45	
For premiums on implements and machines	38 55	
For miscellaneous	1 50	
<hr/>		
Total premiums	\$1,601 27	
<hr/>		
Total disbursements		\$4,659 94
<hr/>		
Balance (credit)		\$10 27
<hr/>		
Roswell M. Lee		President.
James S. Hickox		Treasurer.

ORANGE.

RECEIPTS.

Balance on hand at close of fiscal year 1897		\$89 76
From gate receipts	\$3,642 65	
From insurance on barn	1,000 00	
From rent of privileges	749 00	
From entries for premiums	713 57	
From annual members	311 00	
From entries for races (horse)	470 00	
From entries for races, score cards and stables	110 00	
From donations	11 00	

From bonds issued, notes given or any other obligation	\$9,936 39	
From State	1,808 45	
		<hr/>
Receipts for 1898		\$18,752 06
		<hr/>
Total receipts		\$18,841 82

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$9,192 79	
For permanent improvements, new barn	1,500 00	
For poultry cages	400 00	
For labor, \$702.05; supplies, \$224.08; hardware, \$138.34; signs, \$12.50; hay and straw, \$174.11; total	1,251 08	
For lumber, \$424.05; plumbing, \$8.29; livery, \$6; music, \$145; insurance, \$63.30	646 64	
For rent, \$5; cartage, \$3.50; dinner tickets, \$131.75; printing and adver- tising, \$414.60	554 85	
For directors' expenses	126 85	
For salaries: Secretary, \$50; treasurer, \$50; office assistants, \$125.75; police, \$141; judges, \$47.50; superintend- ent, \$138.27; total	552 02	
For race purses (horses)	1,035 00	
For premiums on horses	\$367 00	
For premiums on cattle	625 00	
For premiums on sheep	12 00	
For premiums on swine	36 00	
For premiums on poultry	1,233 00	
For premiums on farm prod- uce	244 75	

For premiums on dairy prod-

ucts	\$5 00
For premiums on domestic.	436 65
For premiums on implements	
and machines	88 00
For premiums on flowers ..	101 00
For premiums on fruits	286 75
For premiums on miscella-	
neous	144 25

Total premiums \$3,579 40

Total disbursements \$18,838 37

Balance (credit) \$3 45

Augustus Denniston President.
H. M. Howell Treasurer.

ORLEANS.

RECEIPTS.

Balance on hand at close of fiscal year 1897.	\$1,675 63
From gate receipts	\$1,112 25
From rent of grounds	30 00
From rent of privileges	506 80
From entries for premiums	172 10
From annual members	1,607 00
From life members	50 00
From entries for races (horse).....	63 02
From entries for races (bicycle or other)	57 93
From State	1,335 98

Receipts for 1898 4,935 13

Total receipts \$6,610 76

DISBURSEMENTS.

For permanent improvements	\$2,947 00	
For labor	530 50	
For material	295 12	
For United States revenue tax	8 35	
For printing	229 55	
For insurance	41 58	
For salaries: Secretary, \$50; treasurer, \$50; office assistants, \$46.50; police, \$117.75; judges, \$57.86; superin- tendent, \$48; helpers, etc., \$128; total	498 11	
For race purses (bicycle or other), in- cluding cost of prizes	8 00	
For premiums on horses	\$808 00	
For premiums on cattle	218 00	
For premiums on sheep	256 00	
For premiums on swine	146 00	
For premiums on poultry	139 00	
For premiums on farm prod- uce	104 50	
For premiums on domestic	146 50	
For premiums on flowers	46 00	
For premiums on fruits	78 50	
For premiums on miscella- neous	53 25	
Total premiums	1,995 75	
Total disbursements		\$6,554 02
Balance (credit)		\$56 74
E. A. Rowley		President.
A. M. Barnett		Treasurer.

OSWEGO.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$282 93
From gate receipts	\$4,355 09
From rent of grounds and privileges..	622 45
From life members	50 00
From entries for races (horse).....	681 25
From grand stand	463 90
From State	1,487 80
<hr/>	
Receipts for 1898	7,660 49
<hr/>	
Total receipts	\$7,943 42

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$663 20
For permanent improvements	593 68
For labor	395 19
For material	563 45
For insurance, \$115; printing, \$185.10; total	300 10
For special attractions, \$200; tent, \$97; music, \$100; total	397 00
For salaries: Secretary, \$75; treasurer, \$35; office assistants, \$74; police, \$165; judges, \$120.49; superintendent, \$160; helpers, etc., \$160; total,	789 49
For race purses (horses)	1,472 50
For premiums on horses....	\$339 00
For premiums on cattle....	409 00
For premiums on sheep....	124 00
For premiums on swine....	225 00
For premiums on poultry...	271 50

For premiums on farm prod-	
uce	\$153 00
For premiums on dairy prod-	
ucts	51 75
For premiums on domestic..	151 00
For premiums on flowers...	52 25
For premiums on fruits....	64 25
For premiums on miscella-	
neous	371 00
<hr/>	
Total premiums	\$2,211 75
<hr/>	
Total disbursements	\$7,386 36
<hr/>	
Balance (credit)	\$557 06
<hr/>	
H. H. Merriam	President.
J. C. Harrington	Treasurer.

OTSEGO.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$58 08
From gate receipts	\$2,160 71
From rent of grounds	25 00
From rent of privileges	454 25
From entries for premiums	25 00
From annual members	458 00
From life members	10 00
From entries for races (horse)	210 00
From grand stand	143 05
From donations	10 00
From State	1,358 11
<hr/>	
Receipts for 1898	4,854 12
<hr/>	
Total receipts	\$4,912 20

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$202 86	
For permanent improvements	361 17	
For labor	150 10	
For material	583 47	
For special attractions	375 00	
For sundries and all other expenses	170 55	
For salaries; Secretary, \$75; treasurer, \$50; office assistants, \$48; police, \$59; judges, \$48; total	280 00	
For race purses (horses)	725 00	
For premiums on horses	\$123 00	
For premiums on cattle	786 00	
For premiums on sheep	235 00	
For premiums on swine	45 00	
For premiums on poultry	129 00	
For premiums on farm produce	67 10	
For premiums on dairy products	31 50	
For premiums on domestic	198 75	
For premiums on implements and machines	52 00	
For premiums on flowers	10 75	
For premiums on fruits	64 25	
For premiums on miscellaneous	209 50	
<hr/>		
Total premiums	1,951 85	
<hr/>		
Total disbursements	\$4,600 00	
<hr/>		
Balance (credit)	\$112 20	
<hr/>		
Albert S. Potts	President.	
H. K. Murdock	Treasurer.	

PUTNAM.

RECEIPTS.

Balance on hand at close of fiscal year 1897	\$264 31
From gate receipts	\$1,350 50
From rent of privileges	360 00
From grand stand	372 22
From score cards	89 00
From entries for races (horse)	640 00
From entries for races (bicycle or other)	40 50
From State	905 75
<hr/>	
Receipts for 1898	3,757 97
<hr/>	
Total receipts	\$4,022 28

DISBURSEMENTS.

For band, \$125; interest, \$60; insurance, \$40; total	\$225 00
For permanent improvements	290 00
For printing, \$252; advertising, \$175; starter, \$75; total	502 00
For labor	350 50
For material	60 00
For salaries: Secretary, \$50; treasurer, \$45; office assistants, \$68.14; police, \$150; judges, \$50; superintendent, \$5; helpers, etc., \$50; total	418 14
For race purses (horses)	1,350 00
For race purses (bicycle or other), including cost of prizes	251 89
For premiums on horses ...	\$133 00
For premiums on cattle	72 50

For premiums on farm prod-

uce \$22 50

For premiums on dairy prod-

ucts 36 00

For premiums on domestic.. 182 50

For premiums on flowers . . . 50 00

For premiums on fruits 78 25

Total premiums \$574' 75

Total disbursements \$4,022 28

Philip Diehl President.

Edward C. Weeks Treasurer.

QUEENS.

RECEIPTS.

Balance on hand at close of fiscal year 1897 \$2,908 88

From gate receipts \$12,518 35

From rent of grounds, for carriage

sheds 372 00

From rent of privileges 2,577 75

From entries for premiums (poultry).. 79 50

From annual members 2,015 00

From life members 275 00

From entries for races (horse) 4,916 25

From entries for races (bicycle or

other) 207 75

For carriage tickets 512 00

From miscellaneous 70 82

From State 2,648 81

Receipts for 1898 26,193 23

Total receipts \$29,102 11

DISBURSEMENTS.

For interest on bonds	\$850 00	
For debts of 1897	257 14	
For labor	1,065 25	
For insurance	16 50	
For incidental expenses	3,374 36	
For salaries: Secretary, \$600; treasurer, \$750; police, \$450; judges, \$333.50; superintendent, \$75; helpers, etc., \$2,190.79; total	4,399 29	
For race purses (horses)	7,920 00	
For race purses (bicycle or other), including cost of prizes	470 00	
For premiums on horses	\$125 00	
For premiums on cattle	621 00	
For premiums on sheep	169 00	
For premiums on swine	276 00	
For premiums on poultry	366 00	
For premiums on farm produce	581 75	
For premiums on domestic	521 00	
For premiums on implements and machines	290 00	
For premiums on flowers	808 00	
For premiums on fruits	485 50	
For premiums on miscellaneous	462 00	
Total premiums	<u>4,705 25</u>	
Total disbursements		\$23,952 04
Balance (credit)		<u>\$5,150 07</u>
J. W. Ahles		President.
Thomas H. Bacon		Treasurer.

RENSSELAER — AGRICULTURAL AND LIBERAL ARTS SOCIETY OF RENSSELAER COUNTY.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$163 84
From gate receipts	\$2,801 25
From rent of privileges	747 00
From entries for premiums	168 00
From annual members	82 00
From life members	20 00
From entries for races (horse)	295 00
From entries for races (bicycle or other)	32 00
From donations	102 77
From bonds issued, notes given or any other obligation	2,400 00
From State	1,513 95
Receipts for 1898	8,161 97
Total receipts	\$8,325 81

DISBURSEMENTS.

Balance due at close of fiscal year 1897, for premiums	\$135 50
For payment of bonds, notes or other obligations	2,158 73
For permanent improvements	130 46
For labor	293 48
For material	258 13
For miscellaneous	1,506 05
For printing and advertising	441 50
For scripts redeemed	120 00
For salaries: Office assistants, \$27; po- lice, \$82; judges, \$138; total	247 00

For race purses (horses)	\$1,002 50
For premiums on horses	\$276 00
For premiums on cattle	140 25
For premiums on sheep	193 00
For premiums on swine	111 00
For premiums on poultry ..	243 75
For premiums on farm prod- uce	84 50
For premiums on dairy prod- ucts	42 50
For premiums on domestic..	157 00
For premiums on implements and machines	9 00
For premiums on flowers . . .	425 75
For premiums on fruits	55 50
For premiums on miscella- neous	167 25

Total premiums 1,905 50

Total disbursements \$8,198 85

Balance (credit) \$126 96

Wm. H. Sweet	President.
Chas. E. Huested	Treasurer.

RENSSELAER — RENSSELAER COUNTY AGRICUL-
TURAL AND HORTICULTURAL SOCIETY.

RECEIPTS.

From gate receipts.....	\$745 81
From grand stand.....	81 55
From rent of privileges.....	90 35

From entries for premiums, \$31; exhibitors' tickets, \$13.50; total.....	\$44 50
From annual members, tickets for the three days	172 50
From entries for races (horse)	428 00
From entries for races (bicycle or other)	20 50
From donations and subscriptions.....	973 50
<hr/>	
Total receipts	\$2,556 71

DISBURSEMENTS.

For permanent improvements.....	\$956 22
For labor	43 35
For printing and advertising.....	420 17
For lease of land.....	50 00
For music	183 90
For expense account.....	109 58
For salaries: Judges, \$20.50; superintendent, \$10; helpers, etc., \$12; total,	42 50
For race purses (horses).....	826 25
For race purses (bicycle or other), including cost of prizes.....	160 00
For premiums on horses.....	\$63 00
For premiums on cattle.....	46 00
For premiums on sheep.....	80 00
For premiums on swine.....	18 00
For premiums on poultry...	33 00
For premiums on farm produce	52 25
For premiums on dairy products	4 50
For premiums on domestic...	66 25
For premiums on implements and machines	79 50
For premiums on flowers.....	43 00

For premiums on fruits.....	\$24 00	
For premiums on miscella- neous	7 00	
Total premiums	\$516 50	
For bicycle race expenses.....	37 00	
Total disbursements		\$3,345 47
Balance (debit)		\$788 76
Paul Cook		President.
John Knickerbacker		Treasurer.

ROCKLAND—ROCKLAND COUNTY AGRICULTURAL
AND HORTICULTURAL ASSOCIATION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$184 83
From gate receipts, \$2,119.25; grand stand, \$433.75; total	\$2,553 00
For rent of stables, \$78; advertise- ments in premium book, \$132.50; to- tal	210 50
For rent privileges.....	606 00
From sale of programs, \$75.70; Wo- man's Auxiliary, \$24.01; total.....	99 71
From annual members	696 00
From entries for races (horse).....	840 00
From entries for races (bicycle or other)	26 00
From donations	3 00

From bonds issued, notes given or any other obligation	\$800 00	
From State	1,006 44	
		<hr/>
Receipts for 1898		\$6,840 65
		<hr/>
Total receipts		\$7,025 48

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$500 00	
For permanent improvements	339 00	
For discount	22 77	
For labor	426 84	
For material	573 13	
For attractions	520 50	
For advertisements in papers, \$146.26; printing, \$516.29; total	662 55	
For expenses, \$346.98; tents, \$100.30; association dues, \$10; total	457 28	
For salaries: Secretary, \$140; office as- sistants, \$60; police, \$114; judges, \$84.13; superintendent, \$62; help- ers, etc., \$153; total	613 13	
For race purses (horses)	1,720 00	
For race purses (bicycle or other), in- cluding cost of prizes	255 53	
For legal services	175 95	
For premiums on horses	\$76 50	
For premiums on cattle	105 50	
For premiums on sheep	10 00	
For premiums on swine	16 50	
For premiums on poultry	77 50	
For premiums on farm prod- uce	122 25	
For premiums on dairy prod- ucts	1 50	

For premiums on domestic..	\$34 00	
For premiums on flowers...	9 75	
For premiums on fruits....	139 75	
For premiums on miscella- neous	141 90	
Total premiums	\$735 15	
Total disbursements		\$7,001 83
Balance (credit)		\$23 65
Chas. M. Stafford		President.
D. T. Inglis		Treasurer.

ST. LAWRENCE.

RECEIPTS.

From gate receipts and grand stand...	\$4,431 57	
From rent of grounds	878 30	
From annual members	23 00	
From life members	10 00	
From entries for races (horse).....	1,520 00	
From collected unpaid entries of last year	130 50	
From bonds issued, notes given or any other obligation	1,500 00	
From State	1,335 80	
From overdraft	218 35	
Receipts for 1898		\$10,047 52
Total receipts		\$10,047 52

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$1,608 59
For payment of bonds, notes or other obligations	164 10

For permanent improvements	\$448 87	
For labor	675 95	
For material	693 66	
For sundries	718 69	
For salaries: Secretary, \$100; treasurer, \$60; office assistants, \$91; police, \$105.75; judges, \$46.50; superin- tendent, \$90; helpers, etc., \$94; total	587 25	
For race purses (horses)	3,533 00	
For premiums on horses . . . \$200 00		
For premiums on cattle . . . 623 00		
For premiums on sheep . . . 80 00		
For premiums on swine . . . 52 00		
For premiums on poultry . . . 134 00		
For premiums on farm prod- uce	73 00	
For premiums on dairy prod- ucts	86 00	
For premiums on domestic . . 145 75		
For premiums on implements and machines	86 50	
For premiums on flowers . . . 21 00		
For premiums on fruits . . . 20 00		
For premiums on miscella- neous	97 50	
Total premiums	1,618 75	
Total disbursements	\$10,048 86	
Balance (debit)	\$1 34	
A. T. Martyn	President.	
C. J. Perkins	Treasurer.	

SARATOGA.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$233 56
From gate receipts	\$2,132 95
From grand stand	442 10
From rent of privileges	644 50
From miscellaneous	22 75
From annual members	684 00
From poultry entries	104 00
From entries for races (horse).....	335 00
From entries for races (bicycle or other)	5 50
From donations	325 00
From notes given or any other obliga- tion	500 00
From State	1,372 35
Receipts for 1898	6,568 15
Total receipts	\$6,801 71

DISBURSEMENTS.

For payment of bond and mortgage...	\$420 00
For educational purposes	109 00
For permanent improvements	1,376 90
For labor	151 50
For material and supplies (including hay and feed)	424 78
For band and entertainments	264 50
For printing and advertising	248 75
For miscellaneous (including insur- ance)	170 22

For salaries: Secretary, \$150; treasurer, \$75; office assistants, \$216.25; police, \$103.37; judges, \$46.71; general superintendent, \$25; superintendents of halls, \$52; helpers, etc., \$43; total	\$711 33	
For race purses (horses)	1,025 50	
For race purses (bicycle or other), including cost of prizes	75 00	
For premiums on horses	\$126 00	
For premiums on cattle	298 55	
For premiums on sheep	203 90	
For premiums on swine	130 00	
For premiums on poultry	295 50	
For premiums on farm produce	109 00	
For premiums on dairy products	18 25	
For premiums on domestic	351 75	
For premiums on implements and machines	27 50	
For premiums on flowers	93 50	
For premiums on fruits	60 75	
For premiums on miscellaneous	95 25	
Total premiums	1,809 95	
Total disbursements		\$6,787 43
Balance (credit)		\$14 28
Henry C. Dater		President.
W. I. Cavert		Treasurer.

SCHOHARIE.

RECEIPTS.

Balance on hand at close of fiscal year 1897	\$229 27
From gate receipts	\$2,372 50
From rent of grounds	109 13
From rent of privileges	455 65
From entries for premiums	231 00
From penalties	28 00
From entries for races (horse)	507 50
Donations	48 50
From bonds issued, notes given or any other obligation	200 00
From State	1,287 23
<hr/>	
Receipts for 1898	5,230 51
<hr/>	
Total receipts	\$5,468 78

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$1,118 07
For permanent improvements	59 00
For labor	174 33
For material	360 49
For printing	66 00
For penalties	28 00
For miscellaneous	218 14
For special attention	125 00
For premiums 1897	3 00
For salaries: Secretary, \$50; office as- sistants, \$49.50; police, \$19; judges, \$12.50; total	181 00
For premiums on horses	\$248 00
For premiums on cattle	408 00

For premiums on sheep	\$197 00	
For premiums on swine	108 00	
For premiums on poultry . . .	148 00	
For premiums on farm prod-		
uce	126 50	
For premiums on dairy prod-		
ucts	11 00	
For premiums on domestic..	285 00	
For premiums on flowers . . .	14 00	.
For premiums on fruits	57 50	
For premiums on miscella-		
neous	21 00	
<hr/>		
Total premiums	\$1,619 00	
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Total disbursements		\$5,402 03
<hr/>		
Balance (credit)		\$66 75
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D. W. Jenkins		President.
L. G. Van Tuyl		Treasurer.

SCHUYLER.

RECEIPTS.

Balance on hand at close of fiscal year 1897		\$970 13
From gate receipts	\$828 36	
From rent of grounds	97 10	
From rent of privileges	81 50	
From donations	6 88	
From annual members	250 00	
From advertisements in premium list..	49 00	
From entries for races (horse)	31 00	
From grand stand	57 39	

From interest on funds in hand.....	\$50 52	
From State	936 18	
		<hr/>
Receipts for 1898		\$2,387 93
		<hr/>
Total receipts		\$3,358 06

DISBURSEMENTS.

For lease of land (Agricultural Society grounds)	\$250 00
For labor and material	196 31
For taxes on real estate (Fair Grounds), \$39.03; \$21.72; \$14.45; \$21.90; internal revenue, etc., \$8.50; total....	105 60
For attractions: Band, \$50; trick horses, \$30; athletic performer, \$2; total	82 00
For salaries: Secretary, \$25; treasurer, \$25.20; assistants, \$23.20; police, \$29; judges, \$35.05; helpers, etc., \$34.50; total	171 85
For race purses (horses)	447 62
For premiums on horses	\$157 00
For premiums on cattle	46 00
For premiums on sheep	120 00
For premiums on swine	26 25
For premiums on poultry	135 25
For premiums on farm produce	69 00
For premiums on dairy products	3 75
For premiums on domestic..	85 50
For premiums on flowers	46 50
For premiums on fruits	71 25

For premiums on miscella-

neous \$14 00

Total premiums \$774 50

Total disbursements \$2,027 58

Balance (credit) \$1,330 48

James P. Frost President.

Frank W. Fiero Treasurer.

SENECA.

RECEIPTS.

Balance on hand at close of fiscal year 1897 \$1,524 90

From gate receipts \$1,329 16

From rent of grounds 25 00

From rent of privileges 184 50

From annual members 796 00

From entries for races (horse) 180 00

From State 1,199 07

Receipts for 1898 3,713 73

Total receipts \$5,238 63

DISBURSEMENTS.

For payment of bonds, notes or other

obligations \$1,844 00

For permanent improvements 410 70

For labor 158 96

For material and supplies 163 93

For insurance 204 75

For dues State association 10 00

For salaries: Office assistants, \$78;	
judges, \$24.50; superintendent, \$89;	
helpers and police, etc., \$246.03;	
total	\$437 53
For race purses (horses)	396 00
For premiums on horses....	\$246 00
For premiums on cattle....	426 00
For premiums on sheep....	160 00
For premiums on swine....	160 00
For premiums on poultry...	167 50
For premiums on farm prod-	
uce	33 00
For premiums on dairy prod-	
ucts	7 00
For premiums on domestic..	128 50
For premiums on implements	
and machines	8 00
For premiums on flowers...	26 50
For premiums on fruits....	11 00
For premiums on miscella-	
neous	20 50
Total premiums	1,394 00
Total disbursements	\$5,019 87
Balance (credit)	\$218 76
Isaac L. Huff	President.
Leonard Story	Treasurer.

STEUBEN.

RECEIPTS.

From gate receipts	\$4,698 90
From rent of privileges	828 40

From entries for premiums	\$175 00	
From annual members	381 00	
From entries for races (horse).....	570 00	
From miscellaneous	127 80	
From donations	227 00	
From State	1,858 77	
		<hr/>
Receipts for 1898		\$8,866 87
		<hr/>
Total receipts		\$8,866 87

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$1,543 93	
For purchase of land	126 38	
For permanent improvements	491 52	
For labor	116 49	
For material	9 86	
For miscellaneous	1,125 84	
For salaries: Secretary, \$300; treasurer, \$50; office assistants, \$271.15; police, \$86.25; judges, \$20; superintendent, \$124; helpers, etc., \$186.75; total..	1,038 15	
For race purses (horses)	1,420 00	
For premiums on horses....	\$411 00	
For premiums on cattle....	469 80	
For premiums on sheep....	270 90	
For premiums on swine....	394 20	
For premiums on poultry...	135 07	
For premiums on farm produce	186 50	
For premiums on dairy products	34 00	
For premiums on domestic..	171 75	
For premiums on flowers...	46 75	

For premiums on fruits....	\$152 00	
For premiums on miscella- neous.....	346 75	
Total premiums	\$2,618 72	
Total disbursements		\$8,490 89
Balance (credit)		\$375 98
J. Smith Brundage	Acting President.	
E. C. Burnett	Treasurer.	

SUFFOLK.

RECEIPTS.

From gate receipts	\$3,900 50	
From rent of privileges	552 50	
From life members	25 00	
From entries for races (horse)	742 50	
From bonds issued, notes given or any other obligation	1,391 80	
Receipts for 1898		\$6,612 30
Total receipts		\$6,612 30

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$23 79
For permanent improvements	300 50
For insurance	87 50
For labor	675 50
For material	340 00
For freight, feed and printing	725 66

For salaries: Secretary, \$200; judges, \$90; helpers, etc., \$50; total	\$340 00
For race purses (horses)	1,650 00
For race purses (bicycle or other), in- cluding cost of prizes	75 00
For premiums on horses	\$229 00
For premiums on cattle	357 00
For premiums on sheep	97 00
For premiums on swine	107 00
For premiums on poultry ...	259 75
For premiums on farm prod- uce	299 25
For premiums on dairy prod- ucts	65 00
For premiums on domestic..	280 00
For premiums on implements and machines	35 50
For premiums on flowers ...	88 25
For premiums on fruits	96 25
For premiums on miscella- neous	54 75
<hr/>	
Total premiums	1,968 75
<hr/>	
Total disbursements	\$6,186 70
<hr/>	
Balance (credit)	\$425 60
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John S. Havens	President.
Geo. W. Cooper	Treasurer.

SULLIVAN.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$1,470 44
From gate receipts	\$1,400 90
From rent of privileges ..	191 00
From annual members	131 00
From entries for races (horse)	96 50
From State . . .	1,141 39
Receipts for 1898	2,960 79
Total receipts	\$4,481 23

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$33 92
For purchase of land . . .	600 00
For permanent improvements	25 00
For labor	335 10
For material	268 92
For special tax	9 17
For rent of fair grounds	50 00
For salaries: Secretary, \$50; treasurer, \$10; police, \$75; judges, \$44.42; su- perintendent, \$10; helpers, etc., \$50; total	239 42
For race purses (horses)	516 00
For race purses (bicycle or other), in- cluding cost of prizes	2 00
For premiums on horses . . .	\$234 50
For premiums on cattle	282 50
For premiums on sheep	48 00
For premiums on swine	56 00

For premiums on poultry ..	\$225 60	
For premiums on farm prod-		
uce	181 25	
For premiums on dairy prod-		
ucts	53 65	
For premiums on domestic..	155 60	
For premiums on implements		
and machines	6 10	
For premiums on flowers ...	42 50	
For premiums on fruits . . .	8 75	
For premiums on miscella-		
neous	102 00	
<hr/>		
Total premiums	\$1,396 45	
<hr/>		
Total disbursements		\$3,475 98
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Balance (credit)		\$955 25
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P. R. Pelton		President.
Stephen L. Strong		Treasurer.

TIOGA.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$309 53
From gate receipts	\$1,224 50
From rent of privileges.....	158 50
From annual members	515 00
From entries for races (horse)	153 60

From entries for races (bicycle or other)	\$10 00	
From State	997 77	
		<hr/>
Receipts for 1898		\$3,059 37
		<hr/>
Total receipts		\$3,368 90

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$120 01	
For special attractions, \$285; advertising, \$292.45; total	577 45	
For permanent improvements	255 38	
For ground rent, \$200; National Trotting Association, \$10; total	210 00	
For labor	37 50	
For material and supplies	102 60	
For salaries: Office assistants, \$21; police, \$15; judges, \$33.30; superintendent, \$39.50; helpers, etc., \$44.95; total	153 75	
For race purses (horses)	578 50	
For race purses (bicycle or other), including cost of prizes	118 81	
For premiums on horses	\$178 00	
For premiums on cattle	237 00	
For premiums on sheep	111 00	
For premiums on swine	42 00	
For premiums on poultry	60 75	
For premiums on farm produce	115 50	
For premiums on dairy products	20 65	
For premiums on domestic	217 45	

For premiums on implements and machines	\$3 00	
For premiums on flowers...	7 75	
For premiums on fruits....	17 85	
For premiums on miscella- neous	40 25	
	<hr/>	
Total premiums	\$1,051 20	
	<hr/>	
Total disbursements		\$3,205 20
		<hr/>
Balance (credit)		\$163 70
		<hr/> <hr/>
Geo. M. Griswold		President.
J. M. Hastings		Treasurer.

TOMPKINS.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....		\$661 83
From gate receipts	\$1,067 55	
From rent of grounds, and hay.....	148 24	
From rent of privileges	602 00	
From annual members, at \$1 each....	2,007 00	
From annual members, at \$5 each....	320 00	
From entries for races (horse)	662 50	
From entries for races (bicycle or other)	16 00	
From signs on fences and advertising premium list	223 00	
From State	1,377 82	
	<hr/>	
Receipts for 1898		6,424 11
		<hr/>
Total receipts		\$7,085 94

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$488 37
For payment on mortgage	480 00
For permanent improvements	156 50
For labor	560 50
For material	370 00
For salaries: Treasurer, \$50; office assistants, \$76.50; police, \$56; judges, \$60; superintendent, \$66; helpers, etc., \$907.17; total	1,215 67
For race purses (horses)	1,600 00
For race purses (bicycle or other), including cost of prizes	95 00
For premiums on horses....	\$384 00
For premiums on cattle....	396 00
For premiums on sheep....	281 00
For premiums on swine....	290 75
For premiums on poultry...	93 25
For premiums on farm produce	111 05
For premiums on dairy products	43 00
For premiums on domestic..	224 50
For premiums on flowers...	51 25
For premiums on fruits....	45 75
For premiums on miscellaneous	85 25
Total premiums	2,005 80
Total disbursements	\$6,921 84
Balance (credit)	\$164 10
Charles E. Seaman	President.
Edwin D. Shurter	Treasurer.

ULSTER.

RECEIPTS.

From gate receipts	\$779 53	
From rent of privileges	123 50	
From grand stand	129 10	
From annual members	138 00	
From entries for races (horses)	81 25	
From miscellaneous	5 39	
From bonds issued, notes given or any other obligation	735 00	
From State	1,173 65	
		<hr/>
Receipts for 1898		\$3,165 42
		<hr/>
Total receipts		\$3,165 42

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$33 34
For payment of bonds, notes or other obligations	725 00
For labor	168 26
For material	134 51
For miscellaneous	217 99
For advertising, printing, stationery, etc.	165 40
From rent of grounds	175 00
For salaries: Secretary, \$100; treasurer, \$50; office assistants, \$30; police, \$3.03; judges, \$55.90; superintend- ent, \$25; total	264 05
For race purses (horses)	310 00
For premiums on horses	\$116 10
For premiums on cattle	285 30
For premiums on sheep	19 80

For premiums on swine	\$28 80	
For premiums on poultry ..	123 08	
For premiums on farm prod- uce	138 15	
For premiums on dairy prod- ucts	14 50	
For premiums on domestic..	85 70	
For premiums on implements and machines	49 75	
For premiums on flowers . . .	30 25	
For premiums on fruits .. .	101 75	
For premiums on miscella- neous	130 00	
	<hr/>	
Total premiums	\$1,123 18	
	<hr/>	
Total disbursements		\$3,316 71
		<hr/>
Balance (debit)		\$151 29
		<hr/> <hr/>
L. R. Benedict		President.
Arthur G. Smith		Treasurer.

WASHINGTON.

RECEIPTS.

Balance on hand at close of fiscal year 1897		\$1,836 79
From gate receipts	\$5,559 95	
From rent of privileges	1,852 75	
From entries for premiums	100 00	
From annual members	259 00	
From life members	20 00	
From entries for races (horse)	1,005 00	
From sale of land	400 00	

From insurance (grand stand and fences)	\$1,525 73	
From bonds issued, notes given or any other obligation	3,000 00	
From State	2,087 59	
From extra entries, petty sales, advertising	118 74	
		<hr/>
Receipts for 1898		\$15,928 76
		<hr/>
Total receipts		\$17,765 55

DISBURSEMENTS.

For payment of bonds, notes or other obligation	\$1,480 00	
For permanent improvements	4,734 35	
For insurance and taxes	210 47	
For labor	287 49	
For material supplies	425 43	
For attractions and music	605 85	
For printing and advertising	1,081 27	
For salaries: Secretary, \$300; treasurer, \$150; office assistants, \$181.48; police, \$217; judges, \$58.50; superintendent, \$175.30; helpers, etc., \$179.75; total	1,262 03	
For race purses (horses)	2,280 00	
For race purses (bicycle or other), including cost of prizes	100 38	
For premiums on horses	\$529 00	
For premiums on cattle	887 50	
For premiums on sheep	200 00	
For premiums on swine	214 00	
For premiums on poultry	176 25	

For premiums on farm prod-		
uce	\$202 75	
For premiums on dairy prod-		
ucts	42 00	
For premiums on domestic..	720 25	
For premiums on implements		
and machines	108 50	
For premiums on flowers . . .	110 50	
For premiums on fruits	59 50	
For premiums on miscella-		
neous	11 00	
	<hr/>	
Total premiums	\$3,261 25	
	<hr/>	
Total disbursements		\$16,067 83
		<hr/>
Balance (credit)		\$1,677 72
		<hr/> <hr/>
John R. Tanner		President.
W. Irving Bristol		Treasurer.

WAYNE.

RECEIPTS.

From gate receipts	\$1,045 70	
From rent of grounds	82 50	
From rent of privileges	100 00	
From annual members	280 00	
From entries for races (horse).....	30 00	
From advertising in book	75 00	
From State	969 53	
	<hr/>	
Receipts for 1898		\$2,582 73
		<hr/>
Total receipts		\$2,582 73

DISBURSEMENTS.

For labor	\$177 98	
For material	253 62	
For printing	176 50	
For attractions	90 00	
For premiums of 1897	10 01	
For salaries	158 75	
For race purses (horses)	267 50	
For premiums on horses....	\$112 75	
For premiums on cattle....	80 50	
For premiums on sheep....	111 00	
For premiums on swine....	142 00	
For premiums on poultry...	185 31	
For premiums on farm prod- uce	43 25	
For premiums on dairy prod- ucts	1 50	
For premiums on domestic..	146 35	
For premiums on implements and machines	143 50	
For premiums on fruits....	60 25	
For premiums on miscella- neous	164 78	
		<hr/>
Total premiums	1,191 19	
		<hr/>
Total disbursements	\$2,325 55	
		<hr/>
Balance (credit)	\$257 18	
		<hr/> <hr/>
E. W. Weeks	President.	
E. D. Leonard	Treasurer.	

WESTCHESTER.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$933 21
From gate receipts	\$9,857 50
From rent of grounds	400 00
From rent of privileges	1,094 25
From entries for races (horse).....	1,405 00
From stalls, parking places, boxes, etc.,	1,256 50
From donations	800 00
From State	3,305 53
<hr/>	
Receipts for 1898	18,118 78
<hr/>	
Total receipts	\$19,051 99

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$2,500 00
For interest on bond and mortgage...	750 00
For labor, printing, advertising, etc...	3,935 25
For material	500 00
For salaries: Secretary, \$500; treasurer, \$100; office assistants, \$128; police, \$300; judges, \$152.50; superintendent, \$525; helpers, etc., \$200; total,	1,905 50
For race purses (horses)	2,500 00
For race purses (bicycle or other), including cost of prizes.....	75 00
For premiums on horses..	\$3,444 00
For premiums on cattle..	391 50
For premiums on swine..	181 50
For premiums on poultry,	349 25
For premiums on farm produce	798 50
For premiums on dairy products	112 50

For premiums on domestic,	\$578 05	
For premiums on flowers..	58 50	
For premiums on fruits..	155 75	
<hr/>		
Total premiums	\$6,069 55	
<hr/>		
Total disbursements		\$14,799 30
<hr/>		
Balance (credit)		\$4,252 69
<hr/>		
James Hopkins		President.
Joseph B. See		Treasurer.

WYOMING.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....		\$37 33
From gate receipts	\$1,237 00	
From rent of grounds	28 00	
From rent of privileges	86 46	
From annual members	211 00	
From entries for races (horse).....	73 75	
From bonds issued, notes given or any other obligation	3,000 00	
From State	971 69	
<hr/>		
Receipts for 1898		5,608 40
<hr/>		
Total receipts		\$5,645 73

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$3,425 94
For insurance	48 45
For printing, etc.	167 40
For special attractions	178 04
For labor	137 40

For material	\$116 03	
For bands, \$74; State Association dues, \$10; total	84 00	
For postage, telephone, express and telegraph	33 39	
For incidentals	11 21	
For salaries: Secretary, \$75; office as- sistants, \$10.50; judges, \$53; helpers, etc., \$32.50; total	171 00	
For race purses (horses)	522 75	
For race purses (bicycle or other), in- cluding cost of prizes	18 00	
For securing mortgage, lawyer, etc. . .	45 00	
For premiums on horses . . . \$121 50		
For premiums on cattle . . . 272 00		
For premiums on sheep . . . 119 00		
For premiums on swine . . . 24 00		
For premiums on poultry . . . 8 00		
For premiums on farm prod- uce	11 00	
For premiums on dairy prod- ucts	17 50	
For premiums on domestic . . 57 25		
For premiums on flowers . . . 7 75		
For premiums on fruits . . . 39 75		
For premiums on miscella- neous	3 25	
Total premiums	681 00	
Total disbursements		\$5,639 61
Balance (credit)		\$5 12
E. T. Montgomery		President.
John Underhill		Treasurer.

YATES.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$13 44
From gate receipts	\$781 57
From rent of grounds	100 00
From rent of privileges	68 50
From annual members and entries for premiums	340 00
From entries for races (horse)	98 75
From advertising	77 00
From bonds issued, notes given or any other obligation	311 50
From State	895 77
	<hr/>
Receipts for 1898	2,673 09
	<hr/>
Total receipts	\$2,686 53

DISBURSEMENTS.

Balance due at close of fiscal year 1897, for care of grounds	\$52 00
For payment of bonds, notes or other obligations	421 50
For printing	159 15
For feed for stock	66 42
For incidentals, postage, express, etc..	60 00
For labor	140 46
For material	62 04
For special features	200 00
For band music	86 25
For insurance and revenue tax.....	38 76
For salaries: Secretary, \$50; office as- sistants, \$29; judges, \$30.20; total..	109 20
For race purses (horses)	317 50

For premiums on horses....	\$129 64
For premiums on cattle....	138 50
For premiums on sheep....	87 69
For premiums on swine....	41 40
For premiums on poultry...	145 95
For premiums on farm prod-	
uce	57 27
For premiums on domestic..	39 26
For premiums on flowers...	107 83
For premiums on fruits....	66 53

Total premiums	\$814 78
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Total disbursements	\$2,528 06
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Balance (credit)	\$158 47
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Ira R. Brundage	President.
M. W. Remer	Treasurer.

TOWN AND OTHER SOCIETIES.

CUBA FAIR AND RACING ASSOCIATION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$68 26
From gate receipts	\$802 54
From rent of privileges	227 00
From entries for premiums	642 00
From entries for races (horse)	325 00
From bonds issued, notes given or any other obligation	650 00
From State	952 13
<hr/>	
Receipts for 1898	3,598 67
<hr/>	
Total receipts	\$5,666 93

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$500 00
For permanent improvements	100 00
For labor	244 09
For material	347 03
For attractions	279 37
For rent of grounds	250 00
For salaries: Secretary, \$100; police, \$24; judges, \$35; superintendent, \$15; helpers, etc., \$5; total	179 00
For race purses (horses)	860 00

For premiums on horses....	\$201 00	
For premiums on cattle....	266 00	
For premiums on sheep....	72 00	
For premiums on swine....	60 00	
For premiums on poultry...	90 25	
For premiums on farm prod- uce	31 45	
For premiums on domestic..	151 90	
For premiums on imple- ments and machines....	14 50	
For premiums on flowers...	33 25	
For premiums on fruits....	25 75	
For premiums on miscella- neous	130 80	
		<hr/>
Total premiums	\$1,076 90	
		<hr/>
Total disbursements	\$3,836 39	
		<hr/>
Balance (debit)	\$169 46	
		<hr/> <hr/>
George Amsden		President.
H. C. Morgan.....		Treasurer.

WELLSVILLE FAIR ASSOCIATION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$546 73
From gate receipts	\$2,795 05
From collector for National Trotting Association	115 00
From rent of privileges	819 41
From entries for premiums	276 90
From feed sold, etc.	113 96

From receipts of Field Day, October 6,	\$58 85
From entries for races (horse)	1,907 50
From donations	74 58
From State	920 54

Receipts for 1898	\$7,081 79
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Total receipts	\$7,628 52.
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DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$920 54
For unpaid premiums, 1897.....	68 50
For labor	59 74
For material	17 50
For directors' salaries, \$350; collector paid National Trotting Association, \$115; total	465 00
For sundry fair expenses.....	1,878 82
For salaries: Secretary, \$25; office assistants, \$44; police, \$89.12; judges, \$82; superintendent, \$14.47; helpers, etc., \$79.30; total	333 89
For race purses (horses)	2,945 00
For premiums on horses....	\$156 95
For premiums on cattle ...	273 40
For premiums on sheep ...	131 30
For premiums on swine...	41 80
For premiums on poultry..	101 11
For premiums on farm produce	56 57
For premiums on dairy products	13 30
For premiums on domestic.	132 33

For premiums on flowers...	\$7 32	
For premiums on fruits....	19 43	
Total premiums	\$933 01	
Total disbursements		\$7,622 00
Balance (credit)		\$6 52
D. C. Ackerman		President.
John McEwen		Treasurer.

BINGHAMTON INDUSTRIAL EXPOSITION.

RECEIPTS.

From gate receipts	\$2,857 23	
From rent of privileges and advertising	398 00	
From entries for premiums	210 75	
From entries for races (horse)	500 00	
From note	1,400 00	
From State	1,559 10	
Receipts for 1898		\$6,925 08
Total receipts		\$6,925 08

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$350 01
For payment of bonds, notes or other obligations	68 67
For amusements	701 00
For rent	600 00
For labor	217 66
For material	31 65
For printing and advertising	468 81

For sundries, hay, straw, band, insurance, etc.	\$485 40	
For salaries: Secretary, \$400; treasurer, \$200; office assistants, \$66.38; police and gatemen, \$180.25; judges, \$84.95; helpers, etc., \$139.45; total.	1,071 03	
For race purses (horses)	1,050 00	
For premiums on horses	\$83 50	
For premiums on cattle	376 50	
For premiums on sheep	9 00	
For premiums on swine	42 00	
For premiums on poultry	700 85	
For premiums on farm produce	68 55	
For premiums on dairy products	5 00	
For premiums on domestic	329 00	
For premiums on flowers	32 50	
For premiums on fruits	84 05	
For premiums on miscellaneous	147 90	
Total premiums	1,878 85	
Total disbursements	\$6,925 08	
J. E. Rogers	President.	
N. S. Stevens	Treasurer.	

FRANKLINVILLE AGRICULTURAL SOCIETY AND
DRIVING PARK ASSOCIATION.

RECEIPTS.

From gate receipts and grand stand	\$877 80
From rent of grounds	25 00
From rent of privileges	260 75

From entries for premiums	\$726 34	
From entries for races (horse).....	179 00	
From bonds issued, notes given or any other obligation	939 30	
From State	693 29	
		<hr/>
Receipts for 1898		\$3,701 48
		<hr/>
Total receipts		\$3,701 48

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$28 94	
For payment of bonds, notes or other obligations	655 90	
For labor	169 98	
For material	61 17	
For miscellaneous	90 87	
For advertising	258 09	
For attractions, \$145; music, \$109; total	254 00	
For salaries: Secretary, \$100; treas- urer, \$25; office assistants, \$57; police, \$37.47; judges, \$88.25; super- intendent, license, etc., \$15; helpers, etc., \$34.47; total	353 19	
For race purses (horses)	742 50	
For premiums on horses....	\$133 00	
For premiums on cattle....	236 00	
For premiums on sheep....	109 00	
For premiums on swine....	58 50	
For premiums on poultry...	107 25	
For premiums on farm prod- uce	65 75	
For premiums on dairy prod- ucts	9 50	

For premiums on domestic..	\$145 10	
For premiums on flowers...	9 25	
For premiums on fruits	34 60	
For premiums on miscella- neous	48 25	
	<hr/>	
Total premiums	\$956 20	
	<hr/>	
Total disbursements		\$3,570 84
		<hr/>
Balance (credit)		\$130 64
		<hr/> <hr/>
W. A. Day		President.
L. S. Ely		Treasurer.

AFTON DRIVING PARK AND AGRICULTURAL
SOCIETY.

RECEIPTS.

From gate receipts.....	\$2,114 75	
From rent of grounds	100 00	
From rent of privileges	601 10	
From entries for premiums	111 85	
From entries for races (horse).....	110 75	
From State	1,006 75	
	<hr/>	
Receipts for 1898		\$4,045 20
		<hr/>
Total receipts		\$4,045 20

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$326 14
For payment of bonds, notes or other obligations	1,080 40
For music	100 00

For permanent improvements	\$85 60	
For attractions	406 27	
For labor	84 50	
For material	26 24	
For printing and advertising	203 72	
For incidentals, insurance, taxes, mileage, office supplies, etc.	138 62	
For salaries: Secretary, \$59; office assistants, \$32; police, \$28.50; judges, \$22.70; total	142 20	
For race purses (horses)	433 75	
For premiums on horses....	\$284 00	
For premiums on cattle....	392 00	
For premiums on sheep....	113 00	
For premiums on swine....	60 50	
For premiums on poultry...	93 45	
For premiums on farm produce	50 40	
For premiums on dairy products	16 00	
For premiums on domestic..	233 85	
For premiums on implements and machines	23 75	
For premiums on flowers...	42 50	
For premiums on fruits....	18 55	
For premiums on miscellaneous	16 00	
<hr/>		
Total premiums	1,344 00	
<hr/>		
Total disbursements	\$4,371 44	
<hr/>		
Balance (debit)	\$326 24	
<hr/>		
Fred Church	President.	
James H. Nickerson	Treasurer.	

RIVERSIDE.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$1,168 79
From gate receipts	\$1,726 13
From grand stand.....	216 10
From rent of privileges	382 50
From entries from premiums	41 50
From entries for races (horse).....	200 00
From penalties, National Trotting Association	16 50
From rent of sprinkler.....	6 00
From feed sold.....	11 13
From State	1,072 63
Receipts for 1898	3,672 49
Total receipts	\$4,842 28

DISBURSEMENTS.

For purchase of capital stock.....	\$225 00
For permanent improvements.....	383 10
For labor	176 80
For material	225 71
For special attractions.....	250 00
For commission, sale of tickets, Red Men's excursion	35 50
For fees and expenses, National Trotting Association and State Association	40 51
For salaries: Secretary, \$50; office assistants, \$41; police, \$116; judges, \$70; superintendent, \$25; helpers, etc., \$12; total	314 00

For sundry minor expenses	\$33 80
For race purses (horses)	755 00
For premiums on horses....	\$180 00
For premiums on cattle....	445 00
For premiums on sheep....	80 00
For premiums on swine....	32 00
For premiums on poultry...	197 25
For premiums on farm prod- uce	42 45
For premiums on dairy prod- ucts	16 00
For premiums on domestic..	208 05
For premiums on implements and machines	35 50
For premiums on flowers...	5 50
For premiums on fruits ...	21 55
For premiums on miscella- neous	75
<hr/>	
Total premiums	1,264 05
<hr/>	
Total disbursements	\$3,703 47
<hr/>	
Balance (credit)	\$1,138 81
<hr/>	
Curtis Winston	President.
J. E. Juliand	Treasurer.

COLUMBIA AGRICULTURAL AND HORTICULTURAL ASSOCIATION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$1,020 10
From gate receipts	\$2,542 00
From rent of privileges	597 80
From entries for premiums	280 30
From entries for races (horse)	297 50
From National Trotting Association, fine, \$37.50; protest, \$41; total....	78 50
From State	1,013 63
Receipts for 1898	4,809 73
Total receipts	\$5,829 83

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$995 10
For music	140 00
For special attractions	407 00
For advertising and printing	470 20
For miscellaneous expenses.....	499 35
For salaries: Secretary, \$100; treas- urer, \$50; office assistants, \$55; police, \$118.50; judges, \$15; super- intendent, \$25; helpers, etc., \$204.50; total	568 00
For race purses (horses)	1,434 00
For premiums on horses....	\$256 00
For premiums on cattle....	141 00
For premiums on sheep....	210 00
For premiums on swine....	75 00
For premiums on poultry...	143 25

For premiums on farm prod-	
uce	\$57 50
For premiums on domestic..	31 00
For premiums on domestic,	
manufactures, art, etc....	242 75
For premiums on fruits....	103 75
	<hr/>
Total premiums	\$1,260 25
	<hr/>
Total disbursements	\$5,773 90
	<hr/>
Balance (credit)	\$55 93
	<hr/> <hr/>
Delbert Dinehart	President.
Fred S. Hollenbeck	Treasurer.

CATSKILL MOUNTAIN.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$321 70
From gate receipts.....	\$1,211 10
From rent of grounds.....	60 00
From rent of privileges.....	425 10
From entries for premiums.....	214 50
From entries for races (horse).....	150 00
From advertising	144 83
From State	800 80
	<hr/>
Receipts for 1898.....	3,006 33
	<hr/>
Total receipts	\$3,328 03

DISBURSEMENTS.

For payment on land contract.....	\$436 00
For taxes	11 55
For permanent improvements.....	63 05

For dividends	\$200 00	
For labor	126 49	
For material	74 38	
For printing and advertising.	328 44	
For amusements	410 00	
For postage	5 77	
For salaries: Secretary, \$50; treasurer, \$50; police, \$44.75; judges, \$36; su- perintendent, \$50; helpers, etc., \$78.18; total	308 93	
For race purses (horses).	500 01	
For premiums on horses.	\$35 00	
For premiums on cattle.	236 50	
For premiums on sheep.	31 50	
For premiums on swine.	12 00	
For premiums on poultry.	90 11	
For premiums on farm prod- uce	51 88	
For premiums on dairy prod- ucts	17 50	
For premiums on domestic.	61 34	
For premiums on implements and machines	2 75	
For premiums on flowers.	30 62	
For premiums on fruits.	31 20	
For premiums on miscella- neous	110 22	
Total premiums	710 62	
Total disbursements		\$3,175 24
Balance (credit)		\$152 79
Thomas Winter		President.
J. H. Hitt.		Treasurer.

DELAWARE VALLEY.

RECEIPTS.

From gate receipts.....	\$1,442 42	
From rent of grounds.....	35 00	
From rent of privileges.....	580 50	
From entries for premiums.....	279 50	
From annual members.....	463 50	
From bonds issued, notes given or any other obligation	935 00	
From State	1,560 61	
		<hr/>
Receipts for 1898		\$5,296 53
		<hr/>
Total receipts		\$5,296 53

DISBURSEMENTS.

Association indebtedness, December 1, 1897	\$4,400 00	
For payment of bonds, notes or other obligations	1,112 53	
For purchase of land.....	25 00	
For permanent improvements.....	465 18	
For labor	239 85	
For material	923 38	
For salaries: Secretary, \$100; treasurer, \$25; office assistants, \$40; police, \$18.50; judges, \$108.31; superin- tendent, \$36; helpers, etc., \$49.50; total	377 31	
For premiums on horses.....	\$290 00	
For premiums on cattle.....	626 13	
For premiums on sheep.....	183 04	
For premiums on swine.....	144 50	
For premiums on poultry.....	159 96	

For premiums on farm prod-		
uce	\$196 68	
For premiums on dairy prod-		
ucts	37 25	
For premiums on domestic...	14 35	
For premiums on implements		
and machines	21 50	
For premiums on flowers....	30 40	
For premiums on fruits.....	79 31	
For premiums on miscella-		
neous	470 16	
	<hr/>	
Total premiums	\$2,253 28	
	<hr/>	
Total disbursements		\$9,796 53
		<hr/>
Balance (debit)		\$4,500 00
		<hr/> <hr/>
A. F. Reynolds.....		President.
W. A. Shepard.....		Treasurer.

SHAVERTOWN.

RECEIPTS.

From gate receipts.....	\$625 75	
From rent of privileges.....	123 30	
From entries for premiums.....	102 50	
From annual members	9 00	
From entries for races (horse).....	34 50	
From donations	38 96	
	<hr/>	
Receipts for 1898.....		\$934 01
		<hr/>
Total receipts		\$934 01

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$7 62	
For rent of grounds.....	50 00	
For music and attractions.....	95 00	
For labor	1 00	
For material	10 00	
For insurance	2 35	
For feed for stock.....	12 72	
For miscellaneous	65 89	
For United States internal revenue tax,	8 34	
For salaries: Police, \$23; judges, \$41.87; total	64 87	
For race purses (horses).....	85 00	
For premiums on horses.....	\$95 50	
For premiums on cattle.....	120 00	
For premiums on sheep.....	36 50	
For premiums on swine.....	13 00	
For premiums on poultry...	66 35	
For premiums on farm produce	70 76	
For premiums on dairy products	10 00	
For premiums on domestic...	64 60	
For premiums on flowers.....	23 55	
For premiums on fruits.....	27 87	
For premiums on miscellaneous	35 87	
<hr/>		
Total premiums	563 58	
<hr/>		
Total disbursements	\$966 41	
<hr/>		
Balance (debit)	\$32 40	
<hr/>		
John L. Bramley.....	President.	
James Bramley	Treasurer.	

CAPE VINCENT.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$200 00
From gate receipts.....	\$1,036 85
From rent of grounds.....	35 00
From rent of privileges.....	161 51
From entries for premiums.....	135 00
From entries for races (horse).....	81 38
From donations	65 20
From State	653 29
From advertisements in premium list..	176 50
<hr/>	
Receipts for 1898.....	2,344 73
<hr/>	
Total receipts	\$2,544 73

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$42 00
For permanent improvements.....	124 40
For labor	90 38
For printing	168 00
For attractions	175 00
For supplies	57 96
For salaries: Secretary, \$50; treasurer, \$50; office assistants, \$9; police, \$45.77; judges, \$14.85; total.....	169 62
For race purses (horses).....	675 00
For premiums on horses.....	\$105 00
For premiums on cattle.....	153 00
For premiums on sheep.....	43 50
For premiums on swine.....	42 75
For premiums on poultry....	21 33
For premiums on farm produce	60 24

For premiums on dairy prod-

ucts \$20 00

For premiums on domestic... 129 69

For premiums on flowers.... 14 49

For premiums on fruits..... 26 50

For premiums on miscella-

neous 12 11

Total premiums \$628 61

Total disbursements \$2,130 97

Balance (credit) \$413 76

P. S. Judd..... President.

Chas. B. Wood..... Treasurer.

HEMLOCK LAKE UNION.

RECEIPTS.

Balance on hand at close of fiscal year 1897..... \$957 43

From gate receipts..... \$409 25

From rent of grounds..... 43 00

From rent of privileges..... 247 00

From annual members..... 621 00

For entries for races (horse)..... 244 00

From State 956 20

Receipts for 1898..... 2,521 45

Total receipts \$3,478 88

DISBURSEMENTS.

For dinners for officers and judges.... \$37 80

For rent of grounds..... 120 00

For permanent improvements..... 107 32

For insurance 10 13

For labor	\$66 20	
For material	74 71	
For special attractions	88 23	
For track harrow	100 00	
For printing	95 00	
For expenses of delegate to Albany and dues	22 50	
For salaries: Secretary, \$35; treasurer, \$35; police, \$60.20; judges, \$40; su- perintendent, \$36; helpers, etc., \$25.50; total	231 70	
For race purses (horses)	550 00	
For race purses (bicycle or other), in- cluding cost of prizes	60 82	
For premiums on horses	\$117 00	
For premiums on cattle	89 00	
For premiums on sheep	144 00	
For premiums on swine	38 00	
For premiums on poultry	35 25	
For premiums on farm prod- uce	31 25	
For premiums on domestic	206 15	
For premiums on implements and machines	15 00	
For premiums on fruits	9 25	
For premiums on miscella- neous	8 00	
Total premiums	692 90	
Total disbursements	\$2,257 31	
Balance (credit)	\$1,221 57	
F. D. Short	President.	
Willis Adams	Treasurer.	

BROCKPORT UNION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$89 87
From gate receipts.....	\$3,162 80
From rent of grounds.....	60 25
From rent of privileges.....	432 00
From grand stand receipts.....	451 92
From advertising	51 00
From entries for races (horse).....	498 75
From bonds issued, notes given or any other obligation	200 00
From State	1,313 45
Receipts for 1898.....	6,170 17
Total receipts	\$6,260 04

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$82 44
For payment of bonds, notes or other obligations	200 00
For permanent improvements and re- pairs	408 15
For labor and material.....	482 70
For attractions	430 15
For advertising	108 25
For general expenses.....	447 99
For salaries: Secretary, \$150; treasurer, \$25; police, \$137.04; judges, \$104.19; helpers, etc., \$81; total....	497 23
For race purses (horses).....	1,180 00
For premiums on horses.....	\$399 00
For premiums on cattle.....	254 00
For premiums on sheep.....	312 00
For premiums on swine.....	181 00
For premiums on poultry....	192 25

For premiums on farm prod-		
uce	\$66 00	
For premiums on dairy prod-		
ucts	14 00	
For premiums on domestic...	287 10	
For premiums on flowers....	32 00	
For premiums on fruits.....	117 75	
For premiums on miscella-		
neous	25 50	
	<hr/>	
Total premiums	\$1,880 60	
	<hr/>	
Total disbursements		\$5,717 51
		<hr/>
Balance (credit)		\$542 53
		<hr/>
E. Garrison		President.
R. C. Hull		Treasurer.

BOONVILLE FAIR ASSOCIATION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$460 51
From gate receipts.....	\$1,830 10
From rent of privileges.....	300 50
From advertising in premium list.....	48 30
From note	650 00
From State	801 48
	<hr/>
Receipts for 1898.....	3,630 38
	<hr/>
Total receipts	\$4,090 89

DISBURSEMENTS.

For permanent improvements.....	\$524 88
For dividends	398 60
For labor	108 15

For material	\$287 98	
For music, \$265.60; attractions, \$322.62; total	588 22	
For rent	354 00	
For miscellaneous	112 07	
For salaries: Secretary, \$75; treasurer, \$25; office assistants, \$25; police, \$105.25; judges, \$38.90; superin- tendent, \$20; helpers, etc., \$50; total	339 15	
For race purses (horses)	410 00	
For race purses (bicycle or other), in- cluding cost of prizes	105 00	
For premiums on horses	\$92 00	
For premiums on cattle	307 00	
For premiums on sheep	12 00	
For premiums on swine	38 00	
For premiums on poultry	55 00	
For premiums on farm prod- uce	42 75	
For premiums on dairy prod- ucts	20 00	
For premiums on domestic	198 25	
For premiums on flowers	40 75	
For premiums on fruits	26 00	
For premiums on miscella- neous	38 50	
Total premiums	870 25	
Total disbursements		\$4,098 30
Balance (debit)		\$7 41
J. P. Babcock		President.
E. G. Palmer		Treasurer.

PHENIX UNION.

RECEIPTS.

From gate receipts..	\$1,025 80	
From rent of grounds and privileges...	172 00	
From annual members.....	375 00	
From entries for races (horse).....	112 00	
From advertisements in premium list..	55 13	
From State	633 83	
		<hr/>
Receipts for 1898		\$2,373 76
		<hr/>
Total receipts		\$2,373 76

DISBURSEMENTS.

For permanent improvements, on secretary's office and fences.....	\$25 00
For labor	182 17
For material	359 26
For insurance	12 00
For special tax	8 34
For advertising, \$51.95; rent of grounds, \$125; total.....	176 95
For salaries: Secretary, \$50; treasurer, \$15; office assistants, \$10.50; police, \$29; judges, \$18; superintendent, \$36; total	158 50
For race purses (horses).....	412 00
For premiums on horses.....	\$102 00
For premiums on cattle.....	206 00
For premiums on sheep.....	35 00
For premiums on swine.....	56 50
For premiums on poultry.....	27 75
For premiums on farm produce	44 50

For premiums on domestic..	\$42 25	
For premiums on flowers....	38 25	
For premiums on fruits.....	36 75	
For premiums on miscella- neous	20 00	
		<hr/>
Total premiums	\$608 50	
		<hr/>
Total disbursements		\$1,942 72
		<hr/>
Balance (credit)		\$431 04
		<hr/> <hr/>
John O'Brien		President.
N. A. Hughes		Treasurer.

GORHAM.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....		\$444 98
From gate receipts	\$451 95	
From rent of grounds	7 50	
From rent of privileges	70 00	
From entries for premiums	2 20	
From annual members	160 00	
From entries for races (horse)	23 00	
From entries for races (bicycle or other)	50	
From State	675 02	
From advertising in premium list.....	132 50	
		<hr/>
Receipts for 1898		1,526 67
		<hr/>
Total receipts		\$1,971 65

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$141 51
For labor	254 65

For material	\$29 54	
For rebate in exhibitors' tickets	5 50	
For revenue stamps	1 72	
For postage	55	
For salaries: Office assistants, \$12.75; police, \$12.37; judges, \$9.75; total..	34 87	
For race purses (horses)	98 50	
For race purses (bicycle or other), in- cluding cost of prizes	13 60	
For premiums on horses \$216 00		
For premiums on cattle 73 25		
For premiums on sheep 43 00		
For premiums on swine 12 00		
For premiums on poultry 18 50		
For premiums on farm prod- uce	48 55	
For premiums on dairy prod- ucts	11 40	
For premiums on domestic 145 92		
For premiums on implements and machines	21 00	
For premiums on flowers 10 25		
For premiums on fruits 27 50		
Total premiums	627 37	
Total disbursements	\$1,207 81	
Balance (credit)	\$763 84	
W. M. Witter	President.	
H. C. Wood	Treasurer.	

NAPLES UNION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$649 00
From gate receipts	\$1,226 68
From rent of privileges	180 69
From annual members	157 00
From advertising premium list	59 00
From State	739 31
<hr/>	
Receipts for 1898	2,362 68
<hr/>	
Total receipts	\$3,011 68

DISBURSEMENTS.

For rent of grounds	\$135 00
For labor	82 96
For material	112 41
For balloon, \$100; band, \$75; total...	175 00
For printing, \$81; license, \$8.44; total,	89 44
For ball games	65 35
For salaries: Secretary, \$40; police, \$8.25; total	48 25
For race purses (horses)	505 00
For race purses (bicycle or other), in- cluding cost of prizes	57 00
For premiums on horses....	\$88 00
For premiums on cattle....	66 00
For premiums on sheep....	122 50
For premiums on swine....	19 25
For premiums on poultry...	57 75
For premiums on farm prod- uce	57 00
For premiums on dairy prod- ucts	3 00

For premiums on domestic..	\$120 75	
For premiums on implements and machines	2 00	
For premiums on flowers...	9 25	
For premiums on fruits....	49 75	
For premiums on miscella- neous	25 25	
	<hr/>	
Total premiums	\$620 50	
	<hr/>	
Total disbursements		\$1,890 91
		<hr/>
Balance (credit)		\$1,120 77
		<hr/> <hr/>
John A. Legare		President.
D. J. Doughty		Treasurer.

SANDY CREEK, RICHLAND, ORWELL AND BOYLSTON.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....		\$1,091 03
From gate receipts	\$681 45	
From rent of grounds	21 20	
From rent of privileges	391 00	
From annual members	1,550 00	
From entries for races (horse)	232 00	
From grand stand	251 80	
From State	1,152 99	
	<hr/>	
Receipts for 1898		4,280 44
		<hr/>
Total receipts		\$5,371 47

DISBURSEMENTS.

For permanent improvements.....	\$810 54
For dividends	22 50

For labor	\$178 47	
For material	151 43	
For advertising and printing	339 06	
For music and attractions	395 35	
For race money in treasurer's hands . . .	101 00	
For salaries: Secretary, \$75; treasurer, \$6; office assistants, \$77.13; police, \$33.25; judges, \$30.52; superintend- ent, \$137.90; total	359 80	
For race purses (horses)	453 50	
For premiums on horses	\$203 00	
For premiums on cattle	439 00	
For premiums on sheep	79 25	
For premiums on swine	149 00	
For premiums on poultry	66 75	
For premiums on farm prod- uce	79 50	
For premiums on dairy prod- ucts	10 00	
For premiums on domestic	258 75	
For premiums on implements and machines	14 50	
For premiums on flowers	61 50	
For premiums on fruits	23 00	
For premiums on miscella- neous	54 75	
Total premiums	1,439 00	
Total disbursements		\$4,256 65
Balance (credit)		\$1,114 82
John R. Allen		President.
George T. Smith		Treasurer.

MORRIS FAIR ASSOCIATION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$1,866 06
From gate receipts	\$2,980 79
From rent of grounds	95 00
From rent of privileges.....	417 50
From old lumber, \$5.66; discount on flags, \$2.50; total	8 16
From entries for races (horse).....	86 50
From State	1,483 74
Receipts for 1898	5,071 69
Total receipts	\$6,937 75

DISBURSEMENTS.

For music, \$130; taxes, \$20.71; total..	\$150 71
For ball game	50 00
For attractions, \$180; printing, \$137.95; total	317 95
For permanent improvements	1,066 99
For dividends	353 00
For labor	240 13
For material	268 07
For salaries: Secretary, \$50; treas- urer, \$50; office assistants, \$65.25; police, \$31.67; judges, \$52.45; su- perintendent, \$117; helpers, etc., \$69.44; total	535 81
For race purses (horses)	261 00
For race purses (bicycle or other), in- cluding cost of prizes	30 00
For premiums on horses....	\$163 00
For premiums on cattle....	509 50

For premiums on sheep	\$162 50	
For premiums on swine	126 00	
For premiums on poultry . . .	201 30	
For premiums on farm prod- uce	258 35	
For premiums on dairy prod- ucts	26 25	
For premiums on domestic . .	427 30	
For premiums on implements and machines	88 10	
For premiums on flowers . . .	80 35	
For premiums on fruits	38 65	
For premiums on miscella- neous	89 40	
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Total receipts	\$2,170 70	
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Total disbursements		\$5,344 36
<hr/>		
Balance (credit)		\$1,593 39
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Charles A. Bowne		President.
D. I. Laurence		Treasurer.

ONEONTA UNION.

RECEIPTS.

Balance on hand at close of fiscal year 1897		\$46 29
From gate receipts	\$3,316 35	
From rent of grounds	101 00	
From rent of privileges	653 70	
From entries for premiums and stall fees	464 59	
From annual members	174 00	

From entries for races (horse)	\$610 00
From advertisements	488 50
From State	1,504 83

Receipts for 1898	\$7,312 97
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Total receipts	\$7,359 26
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DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$728 00
For permanent improvements	95 25
For hay and grain	19 00
For labor	209 95
For material	102 76
For miscellaneous accounts	986 32
For advertising	599 22
For salaries: Secretary, \$100; treasurer, \$25; office assistants, \$25.50; police, \$77; judges, \$67; superintendent, \$46; helpers, etc., \$57; total.....	397 50
For race purses (horses)	1,360 00
For premiums on horses....	\$282 00
For premiums on cattle....	715 00
For premiums on sheep....	88 25
For premiums on swine....	17 00
For premiums on poultry...	152 00
For premiums on farm produce	122 40
For premiums on dairy products	70 90
For premiums on domestic..	405 35
For premiums on implements and machines	30 00

For premiums on flowers... \$278 00

For premiums on fruits.... 76 95

 Total premiums \$2,237 85

 Total disbursements \$6,735 85

 Balance (credit) \$623 41

W. L. Brown President.

H. M. Bard Treasurer.

RICHFIELD SPRINGS.

RECEIPTS.

Balance on hand at close of fiscal year 1897..... \$982 49

From gate receipts \$1,302 30

From rent of buildings 9 73

From rent of privileges 343 00

From entries for races (horse) 208 50

From State 809 34

 Receipts for 1898 2,672 87

 Total receipts \$3,655 36
DISBURSEMENTS.

For labor \$129 69

For material 357 30

For band, \$70; balloon, \$85; rent,
\$212.72; total 367 72For salaries: Secretary, \$40; treasurer,
\$25; office assistants, \$36.80; police,
\$42; judges, \$41.20; total..... 185 00

For race purses (horses) 520 00

For race purses (bicycle or other), including cost of prizes.....	\$36 00	
For premiums on horses....	\$93 00	
For premiums on cattle....	148 00	
For premiums on sheep....	91 00	
For premiums on swine....	60 00	
For premiums on poultry...	37 50	
For premiums on farm produce.....	43 00	
For premiums on dairy products.....	37 75	
For premiums on domestic..	168 00	
For premiums on flowers...	17 75	
For premiums on fruits....	24 00	
For premiums on miscellaneous.....	168 25	
Total premiums	888 25	
Total disbursements		\$2,483 96
Balance (credit)		\$1,171 40
William Rose		President.
Geo. T. Brockway		Treasurer.

SCHENEVUS VALLEY.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$179 80
From gate receipts	\$610 49
From rent of privileges	157 00
From entries for premiums	14 25

From annual members	\$64 00
From life members	12 50
From entries for races (horse)	90 00
From State	652 21

Receipts for 1898	\$1,600 45
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Total receipts	\$1,780 25
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DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$28 00
For rent of land	100 00
For labor	87 25
For material	7 49
For music and attractions	192 00
For fodder	7 00
For advertising, postage, license, etc..	78 51
For salaries: Secretary, \$25; treasurer, \$7; office assistants, \$39.25; police, \$14.50; judges, \$13.39; superintendent, \$35; helpers, etc., \$6; total....	140 14
For race purses (horses)	349 40
For premiums on horses....	\$73 00
For premiums on cattle....	156 75
For premiums on sheep....	49 50
For premiums on swine....	8 00
For premiums on poultry... ..	72 25
For premiums on farm produce	61 00
For premiums on dairy products	5 50
For premiums on domestic..	135 45
For premiums on flowers... ..	13 00

For premiums on fruits....	\$9 00	
For premiums on miscella- neous	20 50	
	<hr/>	
Total premiums	\$603 95	
	<hr/>	
Total disbursements		\$1,543 74
		<hr/>
Balance (credit)		\$236 51
		<hr/> <hr/>
Geo. E. Guy		President.
E. J. Goddard		Treasurer.

ROCKLAND COUNTY INDUSTRIAL ASSOCIATION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....		\$2 41
From gate receipts.....	\$528 10	
From rent of privileges	78 25	
From annual members	249 00	
From advertising in premium list....	42 30	
From entries for races (horse).....	587 50	
From sale of programs	14 08	
From donations	10 00	
From bonds issued, notes given or any other obligation	465 50	
From State	696 15	
	<hr/>	
Receipts for 1898		2,670 88
		<hr/>
Total receipts		\$2,673 29

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$104 13
For permanent improvements	5 20

For advertising	\$36 00	
For labor	87 84	
For material	188 99	
For revenue tax	8 75	
For rent of grounds	100 00	
For band	100 00	
For salaries: Office assistants, \$25.50; police, \$16.50; judges, \$40.50; help- ers, etc., \$37.25; total	119 75	
For race purses (horses)	1,260 00	
For race purses (bicycle or other), in- cluding cost of prizes	18 00	
For premiums on horses	\$95 50	
For premiums on cattle	153 00	
For premiums on swine	23 00	
For premiums on poultry	38 45	
For premiums on farm prod- uce	73 00	
For premiums on dairy prod- ucts	75	
For premiums on domestic	159 80	
For premiums on flowers	61 75	
For premiums on fruits	36 75	
For premiums on miscella- neous	1 50	
Total premiums	643 50	
Total disbursements	\$2,672 16	
Balance (credit)	\$1 13	
Jacob E. Vanderbilt	President.	
Marsh S. Cropsey	Treasurer.	

GOUVERNEUR AGRICULTURAL AND MECHANICAL SOCIETY.

RECEIPTS.

Balance on hand at close of fiscal year 1897	\$30 82
From gate receipts	\$2,771 90
From rent of grounds	144 50
From rent of privileges	639 90
From entries for premiums	188 00
From life members	10 00
From entries for races (horse)	866 50
From donations	16 45 .
From bonds issued, notes given or any other obligation	300 00
From State	810 98
From sundries (sale of supplies)	27 60
Receipts for 1898	5,775 83
Total receipts	\$5,806 65

DISBURSEMENTS.

For notes, \$517.70; interest, \$285.75; total	\$803 45
For labor	322 45
For material	286 61
For general expense, music and special attractions	1,079 31
For salaries: Secretary, \$100; treas- urer, \$50; office assistants, \$73; po- lice, \$86.50; judges, \$56; superin- tendent, \$50; helpers, etc., \$58.50; total	474 00
For race purses (horses)	1,620 00

For premiums on horses ...	\$132 00	
For premiums on cattle	363 00	
For premiums on sheep	108 00	
For premiums on swine	97 75	
For premiums on poultry ..	172 20	
For premiums on farm prod- uce	65 00	
For premiums on dairy prod- ucts	21 15	
For premiums on domestic..	116 50	
For premiums on implements and machines	11 00	
For premiums on flowers ...	29 00	
For premiums on fruits	15 25	
For premiums on miscella- neous	79 50	
Total premiums	<u>\$1,210 35</u>	
Total disbursements		<u>\$5,796 17</u>
Balance (credit)		<u><u>\$10 48</u></u>
J. H. Abbott		President.
T. J. Whitney		Treasurer.

RACQUETTE VALLEY AND ST. REGIS VALLEY.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$153 15
From gate receipts	\$2,932 75
From rent of grounds	575 19
From rent of privileges	50 00

From entries for premiums	\$640 80	
From entries for races (horse)	1,030 00	
From bonds issued, notes given or any other obligation	799 00	
From State	1,264 74	
	<hr/>	
Receipts for 1898		\$7,292 48
		<hr/>
Total receipts		\$7,445 63

DISBURSEMENTS.

Balance due at close of fiscal year 1897,	\$216 06	
For payment of bonds, notes or other obligations	1,246 09	
For permanent improvements	82 18	
For labor	82 75	
For material	31 42	
For printing	233 10	
For amusements	930 00	
For incidental expenses	265 22	
For salaries: Secretary, \$100; treas- urer, \$100; office assistants, \$72; po- lice, \$93.25; judges, \$31; superin- tendent, \$60; helpers, etc., \$155.17; total	611 42	
For race purses (horses)	2,170 00	
For premiums on horses ...	\$221 00	
For premiums on cattle	592 00	
For premiums on sheep	108 00	
For premiums on swine	68 00	
For premiums on poultry ...	45 25	
For premiums on dairy prod- uce	77 25	
For premiums on dairy prod- ucts	158 84	

For premiums on domestic..	\$158 70	
For premiums on flowers ...	57 50	
For premiums on fruits	25 50	
For premiums on miscella- neous	49 95	
	<hr/>	
Total premiums	\$1,561 99	
	<hr/>	
Total disbursements		\$7,214 17
		<hr/>
Balance (credit)		\$15 40
		<hr/> <hr/>
N. E. Clark		President.
E. A. Everett		Treasurer.

COBLESKILL.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....		\$82 19
From gate receipts	\$3,339 51	
From rent of grounds	179 60	
From rent of privileges	658 50	
From annual members	1,168 00	
From insurance	800 00	
From entries for races (horse).....	350 00	
From miscellaneous	20 50	
From bonds issued, notes given or any other obligation	1,800 00	
From State	2,143 23	
	<hr/>	
Receipts for 1898		10,459 34
		<hr/>
Total receipts		\$10,541 53

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$3,977 95	
For permanent improvements	162 45	
For labor	222 12	
For special attractions, band, etc.	485 00	
For printing, postage, etc.	236 94	
For miscellaneous, insurance, etc.	356 15	
For salaries: Office assistants, \$102.50; police, \$72.13; judges, \$243.25; superintendent, \$100; total	517 88	
For race purses (horses)	1,070 00	
For premiums on horses.	\$427 50	
For premiums on cattle	647 25	
For premiums on sheep.	312 00	
For premiums on swine.	303 00	
For premiums on poultry.	302 61	
For premiums on farm produce	239 47	
For premiums on dairy products	24 00	
For premiums on domestic.	25 51	
For premiums on fruits.	129 14	
For premiums on miscellaneous	772 61	
<hr/>		
Total premiums	3,183 09	
<hr/>		
Total disbursements	\$10,211 58	
<hr/>		
Balance (credit)	\$329 95	
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O. F. Nelson	President.	
M. D. Borst	Treasurer.	

PRATTSBURG UNION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$5 96
From gate receipts	\$582 03
From rent of privileges	23 50
From entries for premiums	111 00
From entries for races (horse).....	47 50
From donations	50
From advertisements, per fair book....	94 00
From bonds issued, notes given or any other obligation	600 00
From State	647 64
Receipts from State	2,106 17
Total receipts	\$2,112 13

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$539 05
For printing and advertising	221 76
For permanent improvements	39 38
For insurance and special tax.....	31 34
For labor	78 54
For material	54 39
For rent of grounds	100 00
For baseball game	10 00
For Austin's band	40 00
For salaries: Secretary, \$50; office as- sistants, \$20; police, \$16.50; judges, \$8.54; helpers, etc., \$15.50; total..	110 54
For race purses (horses)	252 50
For balloon ascensions	100 00
For premiums on horses....	\$88 00

For premiums on cattle	\$76 00
For premiums on sheep	72 00
For premiums on swine	26 00
For premiums on poultry . . .	28 75
For premiums on farm prod- uce	72 45
For premiums on dairy prod- ucts	6 75
For premiums on domestic . .	129 25
For premiums on flowers . . .	10 75
For premiums on fruits	53 50
For premiums on miscella- neous	1 50

Total premiums	\$564 95
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Total disbursements	\$2,142 45
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Balance (debit)	\$30 32
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Willoughby W. Babcock	President.
William G. Dean	Treasurer.

SOUTHERN STEUBEN.

RECEIPTS.

Balance on hand at close of fiscal year 1897	\$92 24
From gate receipts	\$426 78
From rent of privileges	110 00
From entries for premiums	202 61
From entries for races (horse)	50 00
From State	659 02

Receipts for 1898	1,448 41
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Total receipts	\$1,540 65
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DISBURSEMENTS.

For permanent improvements.....	\$71 50	
For labor	30 00	
For salaries: Secretary, \$12; office assistants, \$12; police, \$6; superintendent, \$8; helpers, etc., \$406.89; total.....	444 89	
For race purses (horses).....	245 00	
For premiums on horses.....	\$132 00	
For premiums on cattle.....	131 00	
For premiums on sheep.....	37 00	
For premiums on swine.....	63 00	
For premiums on poultry....	21 50	
For premiums on farm produce	37 50	
For premiums on dairy products	39 25	
For premiums on domestic... ..	59 75	
For premiums on flowers....	12 50	
For premiums on fruits.....	18 00	
For premiums on miscellaneous	74 25	
<hr/>		
Total premiums	625 75	
<hr/>		
Total disbursements		\$1,417 14
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Balance (credit)		\$123 51
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H. Simpson		President.
W. W. Griggs.....		Treasurer.

NORTHERN TIOGA.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$344 54
From gate receipts.....	\$1,628 40
From rent of grounds.....	8 00
From rent of privileges.....	345 43
From grand stand	224 80
From fines	11 40
From entries for races (horse).....	509 35
From lumber sold	1 32
From State	850 14
Receipts for 1898.....	3,578 84
Total receipts	\$3,923 38

DISBURSEMENTS.

For rent of grounds, \$155; hall, \$1.50; total	\$156 50
For permanent improvements	275 00
For band and other amusements.....	255 00
For labor	108 60
For material, \$136.81; forage, \$71.61; insurance, \$7.50; fees and dues, \$15; total	230 92
For ball players	135 90
For revenue license	9 27
For salaries, etc.: Secretary, \$50; print- ing, \$117.25; expenses, \$87.83; po- lice, \$77.88; judges, \$50.02; helpers, etc., \$30.14; total	413 12
For race purses (horses)	900 00
For dining ladies	25 00
For premiums on horses....	\$102 50

For premiums on cattle	\$307 75	
For premiums on sheep	109 75	
For premiums on swine	16 00	
For premiums on poultry	99 85	
For premiums on farm prod- uce	19 50	
For premiums on dairy prod- ucts	25 35	
For premiums on domestic . . .	143 85	
For premiums on implements and machines	41 00	
For premiums on flowers . . .	12 60	
For premiums on fruits	52 70	
For premiums on miscella- neous	44 75	
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Total premiums	\$975 60	
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Total disbursements		\$3,484 91
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Balance (credit)		\$438 47
<hr/>		
Stephen L. Ball		President.
E. F. Belden		Treasurer.

DRYDEN.

RECEIPTS.

Balance on hand at close of fiscal year 1897		\$36 68
From gate receipts	\$3,003 25	
From advertising	338 25	
From rent of privileges	560 00	
From entries for premiums	16 88	
From grand stand	361 80	

From miscellaneous	\$7 28	
From entries for races (horse).....	509 00	
From bonds issued, notes given or any other obligation	100 00	
From State	1,139 25	
		<hr/>
Receipts for 1898		\$6,035 71
		<hr/>
Total receipts		\$6,072 39

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$138 19	
For permanent improvements	1,173 46	
For attractions	265 94	
For labor	130 12	
For material	246 20	
For advertising	749 62	
For rent of ground, \$75; tents, \$95; total	170 00	
For miscellaneous	82 62	
For salaries: Secretary, \$50; treasurer, \$20; office assistants, \$52.75; police, \$58.25; judges, \$60.95; superintend- ent, \$28.75; helpers, etc., \$92.65; total	363 35	
For race purses (horses)	1,165 00	
For premiums on horses....	\$145 00	
For premiums on cattle	231 50	
For premiums on sheep....	82 50	
For premiums on swine....	44 25	
For premiums on poultry...	247 15	
For premiums on farm prod- uce	113 85	
For premiums on dairy prod- ucts	17 25	

For premiums on domestic..	\$318 05	
For premiums on implements		
and machines	32 50	
For premiums on flowers...	43 00	
For premiums on fruits	45 75	
For premiums on miscella-		
neous	207 05	
Total premiums	\$1,527 85	
Total disbursements		\$6,012 35
Balance (credit)		\$60 04
S. G. Lupton		President.
D. T. Wheeler		Treasurer.

UNION AGRICULTURAL AND HORTICULTURAL SOCIETY.

RECEIPTS.

From gate receipts	\$1,521 21	
From rent of grounds	28 00	
From rent of privileges	178 85	
From advertising	104 00	
From entries for races (horse)	161 00	
From donations	171 85	
From State	788 99	
Receipts for 1898		\$2,948 90
Total receipts		\$2,948 90

DISBURSEMENTS.

For payment of note	\$207 60
For printing	152 80

For permanent improvements	\$329 07
For preparing ground	81 94
For labor (including police, judges and helpers)	114 43
For rent of ground	125 00
For old account of 1897.	39 07
For sundry bills of expense.	437 75
For race purses (horses)	670 00
For premiums on horses.	\$148 00
For premiums on cattle.	98 00
For premiums on sheep.	76 00
For premiums on swine.	50 50
For premiums on poultry.	184 90
For premiums on farm prod- uce	17 75
For premiums on domestic.	134 75
For premiums on flowers.	9 00
For premiums on fruits.	33 75
For premiums on miscella- neous	33 00
For premiums on special.	171 85

Total premiums	957 50
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Total disbursements	\$3,115 16
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Balance (debit)	\$166 26
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J. T. Hone	President.
H. A. Mosher	Treasurer.

WARRENSBURGH.

RECEIPTS.

From gate receipts	\$1,263 68	
From rent of privileges.....	273 00	
From entries for premiums	8 50	
From entries for races (horse).....	270 00	
From bonds issued, stock	2,500 00	
	<hr/>	
Receipts for 1898		\$4,315 18
		<hr/>
Total receipts		\$4,315 18

DISBURSEMENTS.

For labor	\$290 20	
For material	89 44	
For music, \$40; advertising, \$139.50; amusements, \$225; total	404 50	
For sundries, \$20.69; expense of cor- poration of new company, \$82.50; total	103 29	
For payment of indebtedness of the Warrensburgh Union Agricultural Society	275 10	
For three shares issued for life members' tickets of Warrensburgh Union Agri- cultural Society	30 00	
For salaries: Secretary, \$25; office as- sistants, \$8; police, \$8; helpers, etc., \$101.50; total	142 50	
For race purses (horses)	670 00	
For race purses (bicycle or other), in- cluding cost of prizes	78 95	
For premiums on horses....	\$34 00	
For premiums on cattle....	69 00	

For premiums on sheep....	\$34 00
For premiums on swine....	19 50
For premiums on poultry...	17 50
For premiums on farm prod- uce	26 75
For premiums on dairy prod- ucts	24 00
For premiums on domestic..	90 00
For premiums on implements and machines	10 00
For premiums on flowers...	10 00
For premiums on fruits....	11 25

Total premiums	\$346 00
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Total disbursements	\$2,429 98
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Balance (credit)	\$1,885 20
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Henry Griffing	President.
Louis E. Reoux	Treasurer.

NEWARK DRIVING PARK ASSOCIATION.

RECEIPTS.

From gate receipts	\$1,470 50
From rent of privileges.....	307 50
From entries for premiums	107 00
From entries for races (horse)	165 00

Receipts for 1898	\$2,050 00
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Total receipts	\$2,050 00
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DISBURSEMENTS.

For permanent improvements	\$71 25
For rent of tents	28 35

For advertising	\$160 00	
For salaries: Secretary, \$50; office assistants, \$15; helpers, etc., \$24; total,	89 00	
For race purses (horses)	450 00	
For race purses (bicycle or other), including cost of prizes	30 00	
For premiums on horses	\$118 75	
For premiums on cattle	182 25	
For premiums on sheep	120 00	
For premiums on swine	71 25	
For premiums on poultry	75 75	
For premiums on farm produce	77 90	
For premiums on dairy products	9 25	
For premiums on domestic	85 00	
For premiums on implements and machines	22 75	
For premiums on flowers	8 25	
For premiums on fruits	107 20	
For premiums on miscellaneous	77 60	
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Total premiums	955 95	
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Total disbursements	\$1,784 55	
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Balance (credit)	\$265 45	
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N. E. Landon	President.	
Luther Finley	Treasurer.	

PALMYRA UNION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....	\$2,050 06
From rent of grounds	\$70 00
From entries for premiums	1,890 00
From State	1,070 08
	<hr/>
Receipts for 1898	3,030 08
	<hr/>
Total receipts	\$5,080 14

DISBURSEMENTS.

For unpaid premiums, 1897	\$10 00
For permanent improvements	1,714 88
For labor	157 40
For material	400 43
For hay, straw and expenses of holding fair	110 63
For band, \$72; insurance, \$51.25; printing, \$58.19; expenses of dele- gates, \$24.25; dues, \$5; sundries, \$33.79; total	385 98
For salaries: Recording secretary, \$15; treasurer, \$25; office assistants, \$38; police, \$8; corresponding sec- retary, \$10; president, \$15; superin- tendent, \$10.50; helpers, etc., \$20; total	141 50
For race purses (horses)	183 00
For premiums on horses....	\$225 00
For premiums on cattle....	373 00
For premiums on sheep....	167 00
For premiums on swine....	130 00
For premiums on poultry...	277 75

For premiums on farm prod-		
uce	\$92 00	
For premiums on dairy prod-		
ucts	23 00	
For premiums on domestic..	33 25	
For premiums on implements		
and machines	52 00	
For premiums on flowers...	21 50	
For premiums on fruits....	56 25	
For premiums on miscella-		
neous	181 25	
	<hr/>	
Total premiums	\$1,632 00	
	<hr/>	
Total disbursements		\$4,594 32
		<hr/>
Balance (credit)		\$485 82
		<hr/> <hr/>
Charles D. Johnson		President.
Harry G. Chapman		Treasurer.

SILVER LAKE AGRICULTURAL AND MECHANICAL SOCIETY.

RECEIPTS.

Cash on hand at time of making report of 1895, car-		
ried as excess since that time.....		\$47 44
Balance on hand at close of fiscal year 1897.....		315 01
From gate receipts	\$1,481 12	
From rent of grounds and buildings..	17 25	
From rent of privileges	100 00	
From grand stand	157 00	
From entries for races (bicycle or other)	107 50	

From donations	\$14 00	
From State	748 85	
		<hr/>
Receipts for 1898		\$2,625 22
		<hr/>
Total receipts		\$2,987 67

DISBURSEMENTS.

For payment of bonds, notes or other obligations	\$254 00	
For hay, \$20.99; printing, \$49.95; insurance, \$24; total	94 94	
For permanent improvements	584 66	
For special attractions	140 00	
For labor	49 00	
For material	7 21	
For sundries as postage, express, rent of tents, L. A. W. racing sanction, dues, traveling expenses, etc.	70 16	
For salaries: Secretary, \$50; treasurer, \$25; office assistants, \$14; police, \$6.75; judges, \$63.08; total	158 83	
For race purses (horses)	412 50	
For race purses (bicycle or other), including cost of prizes	50 00	
For premiums on horses	\$169 00	
For premiums on cattle	205 00	
For premiums on sheep	165 00	
For premiums on swine	32 00	
For premiums on poultry	20 50	
For premiums on farm produce	5 75	
For premiums on dairy products	2 00	
For premiums on domestic	53 75	

For premiums on flowers...	\$19 00	
For premiums on miscella- neous	4 50	
	<hr/>	
Total premiums	\$676 50	
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Total disbursements		\$2,497 80
		<hr/>
Balance (credit)		\$489 87
		<hr/>
W. L. Chapin		President.
John H. Watson		Treasurer.

DUNDEE FAIR ASSOCIATION.

RECEIPTS.

Balance on hand at close of fiscal year 1897.....		\$706 42
From gate receipts	\$1,199 60	
From rent of privileges	203 00	
From entries for races (horse).....	297 50	
From advertising	49 00	
From State	683 46	
	<hr/>	
Receipts for 1898		2,432 56
		<hr/>
Total receipts		\$3,188 98

DISBURSEMENTS.

For incidentals of treasurer.....	\$1 17	
For land	100 00	
For National Trotting Association....	10 00	
For incidental expenses of secretary...	20 37	
For labor	47 75	
For material	25 34	
For advertising, \$107.75; band, \$50;		
total	157 75	

For revenue stamps	\$4 28	
For boarding horses and helpers	55 50	
For protested check returned	11 50	
For salaries: Secretary, \$50; treasurer, \$25; police, \$9.75; judges, \$54.50; superintendent, \$47; total	186 25	
For race purses (horses)	765 02	
For race purses (bicycle or other), in- cluding cost of prizes	20 00	
For premiums on horses . . . \$116 00		
For premiums on cattle . . . 109 00		
For premiums on sheep . . . 72 25		
For premiums on swine . . . 21 00		
For premiums on poultry . . . 52 00		
For premiums on farm prod- uce	36 95	
For premiums on dairy prod- ucts	3 00	
For premiums on domestic . . 195 25		
For premiums on implements and machines	18 50	
For premiums on flowers . . . 10 00		
For premiums on fruits . . . 93 50		
For premiums on miscella- neous	47 00	
Total premiums	773 75	
Total disbursements		\$2,178 68
Balance (credit)		\$960 30
Andrew Harpending		President.
C. J. Watson		Treasurer.

Names and Official Addresses of the Secretary of Agriculture of the United States and Agricultural and Dairy Commission- ers of the Several States.

UNITED STATES.

Secretary of Agriculture.—James Wilson, Washington, D. C.;
J. H. Brigham, Assistant Secretary.

ALABAMA.

Commissioner of Agriculture.—H. D. Lane, Montgomery, Ala.

CALIFORNIA.

State Dairy Bureau.—Wm. Vanderbilt, Secretary, 113 Davis
street, San Francisco, Cal.

COLORADO.

State Dairy Commissioner.—T. L. Monson, Denver, Col.

State Board of Agriculture.—Daniel W. Working, B. S., Sec-
retary, Denver, Col.

CONNECTICUT.

Dairy Commissioner.—John B. Noble, Hartford, Conn.

State Board of Agriculture.—T. S. Gold, Secretary, West
Cornwall, Conn.

GEORGIA.

Commissioner of Agriculture.—R. T. Nesbitt, Atlanta, Ga.
The Commissioner of Agriculture has nothing to do with dairy
products or vinegar.

ILLINOIS.

State Food Commissioner.—Alfred M. Jones, Room 1623, Manhattan Building, Chicago, Ill.

INDIANA.

State Board of Health.—J. M. Hurty, Secretary, Indianapolis, Ind.

IOWA.

State Dairy Commissioner.—B. P. Norton, Des Moines, Ia.

KANSAS.

State Board of Agriculture.—F. D. Coburn, Secretary, Topeka, Kan.

KENTUCKY.

Commissioner of Agriculture.—Lucas Moore, Frankfort, Ky.

LOUISIANA.

Commissioner of Agriculture and Immigration.—J. G. Lee, Baton Rouge, La.

MASSACHUSETTS.

Dairy Bureau, Commissioners.—C. L. Hartshorn, Worcester, Mass.; Geo. L. Clemens, Southbridge, Mass.; D. A. Norton, Northampton, Mass. Assistant Executive Officer, Geo. M. Whitaker, Boston, Mass.

State Board of Agriculture.—Secretary and Executive Officer State Dairy Bureau, James W. Stockwell, Boston, Mass.

MAINE.

State Board of Agriculture.—B. Walker McKeen, Secretary, Augusta, Me.

MICHIGAN.

Dairy and Food Commissioner.—Elliot O. Grosvenor, Lansing, Mich.

State Board of Agriculture.—Ira H. Butterfield, Secretary, Agricultural College, Mich.

MINNESOTA.

Dairy and Food Commissioner.—J. M. Bowler, St. Paul, Minn.

MISSOURI.

State Board of Agriculture.—Alexander Maitland, President; G. A. Ely, Sublett, Mo.; John R. Rippey, Secretary, Columbia, Mo.

MONTANA.

State Bureau of Agriculture.—James H. Mills, Commissioner, Helena, Mont.

NEBRASKA.

Food Commissioner.—The Governor, Lincoln, Neb.

NEW HAMPSHIRE.

State Board of Agriculture.—Nahum J. Bachelder, Secretary, Concord, N. H.

NEW JERSEY.

Dairy Commissioner.—George W. McGuire, Trenton, N. J.

NEW YORK.

Commissioner of Agriculture.—Charles A. Wieting, Albany, N. Y.

NORTH CAROLINA.

Commissioner of Agriculture.—S. F. Patterson, Raleigh, N. C.

NORTH DAKOTA.

Commissioner of Agriculture.—H. U. Thomas, Bismarck, N. D., ex-officio State Dairy Commissioner.

OHIO.

Dairy and Food Commissioner.—Joseph E. Blackburn, Columbus, Ohio.

OREGON.

Dairy and Food Commissioner.—J. W. Bailey, Portland, Ore.

PENNSYLVANIA.

Department of Agriculture.—John Hamilton, Secretary, Harrisburg, Pa.

Dairy and Food Commissioner.—Major Levi Wells, Harrisburg, Pa.; Deputy Dairy and Food Commissioner, A. F. Seebold, Philadelphia, Pa.

RHODE ISLAND.

State Board of Agriculture.—George A. Stockwell, Secretary, Providence, R. I.

TENNESSEE.

Commissioner of Agriculture.—T. F. P. Allison, Nashville, Tenn.

TEXAS.

Commissioner of Agriculture.—John E. Hollingsworth, Austin, Tex.

UTAH.

State Dairy and Food Commissioner.—H. J. Faust, Jr., Salt Lake City, Utah.

VIRGINIA.

Department of Agriculture.—Thos. Whitehead, Commissioner, Richmond, Va.

WASHINGTON.

State Dairy Commissioner.—E. A. McDonald, Seattle, Wash.

WEST VIRGINIA.

State Board of Agriculture.—T. C. Atkeson, President, Buffalo, W. Va.; C. C. Brown, Secretary, Charleston, W. Va.

WISCONSIN.

Dairy and Food Commissioner.—H. C. Adams, Madison, Wis.

CANADA.

Dairy Commissioner.—Prof. James W. Robertson, Ottawa, Can.; Assistant Dairy Commissioner, J. C. Chapais, St. Denis, Quebec.

ONTARIO.

Department of Agriculture.—John Dryden, Minister of Agriculture, Toronto.

MANITOBA.

Dairy Association.—Miss E. Cora Hind, Secretary and Treasurer, 364 Main street, Winnipeg, Manitoba.

MILK STANDARD.

GEORGIA.

Skimmed Milk.

Milk which contains less than $3\frac{1}{2}$ per cent. of butter fat and $8\frac{1}{2}$ per cent. of other solids (other than butter fat), shall be regarded as skimmed or partially skimmed milk. (Laws 1895, chap. 207.) Law took effect January 1, 1896.

ILLINOIS.

88 per cent. water.

12 per cent. milk solids.

3 per cent. butter fat.

Contracts for purchase of milk within this State, for delivery within or without this State, is governed by this standard, except by special contract in writing. (Laws 1897, p. 268.)

IOWA.

There must be at least 3 pounds of butter fat to each 100 pounds of milk. (Laws 1892, chap. 50, § 2.)

MAINE.

88 per cent. water.

12 per cent. milk solids.

3 per cent. fat.

By gravimetric analysis. (Laws 1893, chap. 255.)

MASSACHUSETTS.

87 per cent. watery fluid.

13 per cent. of milk solids.

Nine and three-tenths per cent. of milk solids, exclusive of fat, or three and seven-tenths per cent. of fat; except during the months of April, May, June, July and August, when milk shall not contain less than 12 per cent. of milk solids or less than 9 per cent. of milk solids exclusive of fat, or less than 3 per cent. of fat. (Laws 1896, chap. 398.)

Skimmed Milk.

Skimmed milk must contain at least 9.3 per cent. milk solids. (Laws 1885, chap. 352.)

MICHIGAN.

87½ per cent. watery fluid.

12½ per cent. milk solids.

3 per cent. fat.

Specific gravity, at 60 degrees Fahrenheit, between 1.029 and 1.033. (Laws 1889, act 219.)

MINNESOTA.

87 per cent. water.

13 per cent. milk solids.

3½ per cent. fat.

(Laws 1897, chap. 119.)

NEW HAMPSHIRE.

87 per cent. watery fluid.

13 per cent. milk solids.

(Laws 1883, chap. 42.)

NEW JERSEY.

88 per cent. water.

12 per cent. solids.

(Laws 1882, chap. 82.)

NEW YORK.

88 per cent. water or fluids.

12 per cent. milk solids.

3 per cent. fat.

(Laws 1893, chap. 338, art. II, § 20.)

Condensed Milk.

The proportion of milk solids in condensed milk must be the equivalent of 12 per centum of milk solids in crude milk, of which solids 25 per centum must be fat. (Laws 1894, chap. 143, amending Laws 1893, chap. 338, art. II, § 25.)

OHIO.

88 per cent. of watery fluid.

12 per cent. of solids, not less than one-fourth of which must be fat; except during the months of May and June, when there must be not less than $11\frac{1}{2}$ per cent. of milk solids. (Laws 1896, p. 149.)

Condensed Milk.

There must be the equivalent of 12 per centum of milk solids in crude milk; of such solids 25 per centum must be fat. (Laws 1886, p. 180.)

OREGON.

88 per cent. water.

12 per cent. volume of cream.

3 per cent. fat.

Specific gravity, after removal of cream, 1.035. (Laws 1893, p. 99.)

PENNSYLVANIA.

$87\frac{1}{2}$ per centum watery fluid.

$12\frac{1}{2}$ per centum milk solids.

3 per centum fat.

Specific gravity, at 60 degrees Fahrenheit, between 1.029 and 1.033. (Laws 1885, No. 186.)

Skimmed Milk.

6 per centum of cream by volume.

$2\frac{1}{2}$ per centum of fat, by weight.

Specific gravity, at 60 degrees Fahrenheit, between 1.032 and 1.037. (Laws 1885, No. 186.)

SOUTH CAROLINA.

Skimmed Milk.

Milk which contains less than 3 per centum of butter fat and $8\frac{1}{2}$ per centum of solids other than butter fat shall be regarded as skimmed milk. (Laws 1896, No. 96, p. 215.)

VERMONT.

12½ per cent. of total solids.

9½ per cent. of total solids, not fat.

In the months of May and June there must be at least 12 per cent. of total solids. (Laws 1888, No. 108.)

In all creameries and cheese factories milk containing 4 per cent. of butter fat shall be the standard used as a paying basis. (Laws 1894, No. 113.)

WASHINGTON.

3 per cent. pure butter fat.

8 per cent. milk solids other than fat.

WISCONSIN.

Milk containing 3 per cent. of fat is merchantable milk, provided it has not been diluted or cream abstracted, and is drawn from healthy cows. (Laws 1889, chap. 425.)

CANADA (PROVINCE OF ONTARIO).

All milk containing less than 13 per cent. of total solids, of which 3½ per cent. must be chemically dry butter fat, shall be deemed below the standard required in creameries for butter manufacture. (Vict. 51, chap. 31.)

STANDARD FOR QUALITY OF MILK.

Borden's standard of 8½ pounds per gallon is now taken and accepted as the standard of milk, not only in our own country, but in all Europe. (Fifth Annual Report [1889] Mich. Dairymen's Association.)

VINEGAR STANDARD.

CONNECTICUT.

Acidity, 4 per centum.

If cider vinegar, 2 per centum solids. Artificial coloring matter prohibited. (Laws 1897, chap. 67.)

DISTRICT OF COLUMBIA.

Acetic acid, 5 per centum.

Solids, 1.5 per centum.

INDIANA.

Acidity, 4 per centum.

Cider vinegar, 2 per centum of solids in addition. Artificial coloring matter prohibited. (Laws 1889, chap. 70.)

MASSACHUSETTS.

Acidity, 4 per centum.

If cider vinegar, 2 per cent. solids.

Artificial coloring matter deemed an adulteration. (Laws 1885, chap. 150.)

BOSTON.

Acetic acid, 5 per centum.

Solids, 1.5 per centum.

MICHIGAN.

Fruit or grain vinegar, 4 per centum acetic acid. Foreign substances not allowed.

Distilled vinegar, coloring matter not permitted.

Fermented vinegar, $1\frac{3}{4}$ per cent. solids at the temperature of boiling water, and two and a half tenths of 1 per centum ash or mineral matter.

Cider vinegar, $1\frac{1}{2}$ per centum solids. Foreign substances, drugs or acids, prohibited. (Laws 1897. Approved April 16, S. L. R.)

MINNESOTA.

Acidity, 4.5 per centum.

Solids, $1\frac{1}{2}$ per centum. (Laws 1889, chap. 7.)

Artificial coloring matter prohibited. (Laws 1891, chap. 119.)

NEBRASKA.

Fruit or grain vinegar, 4 per centum acetic acid.

Cider vinegar, solids, 2 per centum.

Artificial coloring matter prohibited. (Laws 1897, chap. 4.)

NEW YORK.

Acetic acid, 4.5 per centum.

Solids, 2 per centum.

Artificial coloring matter prohibited. (Laws 1893, chap. 338, art. III, § 50.)

OHIO.

Cider vinegar, acidity 4 per centum.

Solids, 2 per centum.

Artificial coloring matter prohibited. (Laws 1887; amended by Laws 1888.)

PENNSYLVANIA.

Cider vinegar, acidity 4 per centum.

Solids, $1\frac{1}{2}$ per centum by weight at a temperature of boiling water. Foreign substances, drugs or acids, prohibited.

Fermented vinegar, not distilled, solids, $1\frac{1}{2}$ per centum by weight at a temperature of boiling water.

All fruit or grain vinegars, acetic acid 4 per centum. Foreign substances are prohibited, but an amount of spices necessary for flavoring, if such spices do not color the vinegar, is permitted. (Laws 1897, No. 140.)

WISCONSIN.

Acidity, 4 per centum.

If cider vinegar, 2 per cent. solids in addition.

Barrels containing vinegar are to be branded with the standard strength of contents, which shall be denoted by the strength of acetic acid. (Laws 1891, chap. 394.)

AGRICULTURAL LAW.

CHAPTER 338.

AN AOT in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws.
Approved by the Governor April 10, 1893. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

CHAPTER XXXIII OF THE GENERAL LAWS.

THE AGRICULTURAL LAW.

- Article 1. General Provisions. (§§ 1-12.)
2. Dairy products. (§§ 20-37.)
 3. Adulterated vinegar. (§§ 50-53.)
 4. Diseases of domestic animals. (§§ 60-71.)
 - *5. Miscellaneous provisions. (§§ 80-90.)
 - †6. Forest preserve. (§§ 100-116.)
 - †7. Adirondack park. (§§ 120-127.)
 - ‡8. Paris green. (§§ 110-114.)
 - §9. Regulating sale and analysis of concentrated feeding stuffs. (§§ 120-127.)

ARTICLE I.

GENERAL PROVISIONS.

- Section 1. Short title.
2. Commissioner of agriculture.
 3. Power of commissioner, his assistants and employes.
 4. Expert butter and cheesemakers.
 5. Annual report.
 6. Certificate of chemist presumptive evidence.
 7. Evidence; principal's liability for acts of agent.
 8. Prosecution for penalty.
 9. Disposal of fines and moneys recovered.
 10. When injunction may be obtained.
 11. When prosecution shall not be compelled to elect.
 12. Inspection, how conducted.

* Chapter 500, Laws of 1897, made new article 5, and articles 5 and 6 are made articles 6 and 7.

† Repealed and new article 6 enacted by chapter 395, Laws of 1895.

‡ New article 8 enacted by chapter 113, Laws of 1893.

§ New article 9 enacted by chapter 510 of the Laws of 1899.

§ 1. Short title. This chapter shall be known as the agricultural law.

§ 2. Commissioner of Agriculture. There shall be a department of the state government known as the department of agriculture, which shall be charged with the execution of the laws relating to agriculture and agricultural products. The commissioner of agriculture shall be the chief of the department. The New York state dairy commissioner shall be the commissioner of agriculture until his successor shall be appointed and qualified. The commissioner of agriculture shall be appointed by the governor, by and with the advice and consent of the senate. His term of office shall be three years. He shall be paid an annual salary of four thousand dollars and his necessary expenses not to exceed five hundred dollars, incurred in the discharge of his official duties. He may appoint a director of farmers' institutes and such clerks and assistant commissioners and employ such clerks, chemists, agents and counsel as he may deem necessary for the proper enforcement of such laws and the proper administration of the department, who shall receive such compensation as may be fixed by him and their necessary expenses. The compensation of his clerks, assistants and other persons employed by him and such necessary expenses shall be paid on his certificate by the treasurer on the warrant of the comptroller. All other charges, accounts and expenses of the department authorized by law shall be paid by the treasurer on the warrant of the comptroller, after they have been audited and allowed by the comptroller. The trustees of public buildings shall furnish suitable rooms for the use of the department in the new capitol.

§ 3. Powers of the commissioners,* his assistant and employes. The commissioner of agriculture, his clerks, assistants, experts, chemists, agents and counsel employed by him, shall have full access to all places of business, factories, farms, buildings, carriages, cars and vessels used in the manufacture, sale or transportation within the state of any dairy products or any imitation thereof, or of any article or product with respect to which any

* So in the original.

authority is conferred by this chapter on such commissioner. They may examine and open any package, can or vessel containing or believed to contain any article or product, which may be manufactured, sold or exposed for sale in violation of the provisions of this chapter, and may inspect the contents therein, and take therefrom samples for analysis.

§ 4. **Expert butter and cheesemakers** The commissioner of agriculture may appoint and employ not more than five expert butter and cheesemakers, who shall, under his direction, examine and inspect butter and cheese factories and attend at agricultural fairs, societies and meetings designated by the commissioner, to impart thereat information as to the best and most approved method of making butter and cheese and improving the quality thereof.

§ 5. **Annual report.** The commissioner of agriculture shall make an annual report to the legislature on or before January fifteenth, of his work and proceedings for the year ending September thirtieth, next preceding which shall include a statement in detail of the number of assistant commissioners, chemists, experts, agents, and counsel employed under the provisions of this chapter during such year, and their compensation, expenses and disbursements; and also a statement in detail of the expenditures of moneys appropriated for the state agricultural society, the county agricultural societies and the New York agricultural experiment station; and other agricultural purposes and estimates of the amounts required for all such purposes for the ensuing year. He may require the state agricultural society and the county agricultural societies to make reports to him and prescribe the form of such reports.

§ 6. **Certificate of chemist presumptive evidence.** Every certificate, duly signed and acknowledged, of a chemist, analyst or other expert employed by the commissioner of agriculture or any analysis, examination or investigation made by such analyst, chemist or expert with respect to any matter or product which the commissioner has authority to examine or cause to be examined, shall be presumptive evidence of the facts therein stated.

§ 7. Evidence principal's liability for act of agent. The doing of anything prohibited by this chapter shall be evidence of the violation of the provisions of this chapter relating to the thing so prohibited and the omission to do anything directed to be done shall be evidence of a violation of the provisions of the chapter relative to the thing so directed to be done. The intent of any person doing or omitting to do any such act is immaterial in any prosecution for a violation of the provisions of this chapter. Any person who suffers, permits or allows any violation of the provisions of this chapter by his agent or servant, or in any room or building occupied or controlled by him, shall be deemed a principal in such violation and liable accordingly.

§ 8. Prosecution for penalties. Whenever the commissioner of agriculture shall know or have reason to believe that any penalty has been incurred by any person for a violation of any of the provisions of this chapter, or that any sum has been forfeited by reason of any such violation, he may cause an action or proceeding to be brought in the name of the people for the recovery of the same.

§ 9. Disposal of fines and moneys recovered. One half of all money recovered, either as penalties, forfeitures or otherwise, for the violation of any of the provisions of this chapter, and from fines imposed as a punishment for any criminal offense committed in violation of the provisions of this chapter, or of the penal code relating to the punishment of criminal offenses committed in violation of the provisions of law for the prevention of frauds in the manufacture or sale of any of the articles or products to which this chapter relates, shall be paid by the court or the clerk thereof to the city or county where the recovery shall be had or fine collected for the benefit of the poor of such city or county, except in the city and county of New York and the city of Brooklyn, where the same shall be paid to the proper authorities, and equally divided by them between the pension funds of the police and fire departments. The residue of such moneys shall be paid into the treasury of the state, and paid out by the treasurer, upon the warrant of the comptroller, for the purpose of defraying the

expenses of the department of agriculture, audited by the comptroller. The same disposal shall be made of all moneys recovered upon any bond given by any officer by virtue of the provisions of this chapter.

§ 10. When injunctions may be obtained. In an action in the supreme court for the recovery of a penalty or forfeiture incurred for the violation of any of the provisions of this chapter an application may be made on the part of the people to the court or any justice thereof for an injunction to restrain the defendant, his agents and employes from the further violation of such provisions. The court or justice to whom such application may be made, shall grant such injunction on proof, by affidavit, that the defendant has been guilty of the violations alleged in the complaint, or of a violation of any such provision subsequent to the commencement of the action, and in the same manner as injunctions are usually granted under the rules and practice of the court. No security on the part of the plaintiff shall be required, and costs of the application may be granted or refused in the discretion of the court or justice. If the plaintiff shall recover judgment in the action for any penalty or forfeiture demanded in the complaint, the judgment shall contain a permanent injunction, restraining the defendant, his agents and employes, from any further violation of such provision of this chapter. Any injunction, order or judgment obtained under this section may be served on the defendant by posting the same upon the outer door of the defendant's usual place of business, or where such violation was or may be committed, or in the manner required by the code of civil procedure, and the rules and practice of the court. Personal service of the injunction shall not be necessary when such service cannot be secured with reasonable diligence, but the service herein provided shall be deemed sufficient in any proceeding for the violation of such injunction.

§ 11. When prosecution shall not be compelled to elect. In an action for a penalty or forfeiture incurred by reason of the violation of the provisions of this chapter, when the complaint charges a violation of any two or all of such provisions, the plain-

tiff shall not be compelled to elect between the counts under such different provisions, but shall be entitled to recover if it is found that a violation of any one of such provisions has been committed for which a penalty or forfeiture is imposed.

(Amended by chapter 557 of the Laws of 1898.)

§ 12. Inspection, how conducted. When the commissioner of agriculture, an assistant commissioner, or any person or officer authorized by the commissioner, or by this chapter, to examine or inspect any product manufactured or offered for sale shall in discharge of his duties take samples of such product, he shall take duplicate samples thereof in the presence of at least one witness, and he shall in the presence of such witness seal both of such samples, and shall tender, and, if accepted, deliver at the time of taking one sample to the manufacturer or vendor of such product, or to the person having custody of the same, with a statement in writing of the cause of the taking of the sample.

ARTICLE II.

DAIRY PRODUCTS.

Section 20. Definitions.

21. Care and feed of cows.
22. Prohibition of the sale of adulterated milk.
23. Regulations in regard to butter and cheese factories.
24. Cans to be branded with name of county.
25. Regulations in regard to condensed milk.
26. Manufacture and sale of imitation butter prohibited.
27. Manufacture or mixing of animal fats with milk, cream or butter prohibited.
28. Prohibited articles not to be furnished for use.
29. Use of coloring matter prohibited.
30. Manufacture and sale of imitation cheese prohibited.
31. When prohibitions do not apply to skim milk or skim cheese.
32. Packages to be branded with name of maker.
33. Manufacturer's brand of cheese.
34. Use of false brand prohibited.
35. County trade-marks.
36. Object and intent of this article.
37. Penalties.

§ 20. Definitions. The terms, butter and cheese, when used in this article, mean, the products of the dairy, usually known by those terms, which are manufactured exclusively from pure, un-

adulterated milk or cream or both, with or without salt or rennet, and with or without coloring matter or sage. The terms oleomargarine, butterine, imitation butter or imitation cheese, shall be construed to mean any article or substance in the semblance of butter or cheese not the usual product of the dairy, and not made exclusively of pure and unadulterated milk or cream, or any such article or substance into which any oil, lard or fat not produced from milk or cream enters as a component part, or into which melted butter or butter in any condition or state, or any oil thereof has been introduced to take the place of cream. The term, adulterated milk, when so used, means:

1. Milk containing more than eighty-eight per centum of water or fluids.

2. Milk containing less than twelve per centum of milk solids.

3. Milk containing less than three per centum of fats.

4. Milk drawn from cows within fifteen days before and five days after parturition.

5. Milk drawn from animals fed on distillery waste or any substance in a state of fermentation or putrefaction or on any unhealthy food.

6. Milk drawn from cows kept in a crowded or unhealthy condition.

7. Milk from which any part of the cream has been removed.

8. Milk which has been diluted with water or any other fluid, or to which has been added or into which has been introduced any foreign substance whatever.

All adulterated milk shall be deemed unclean, unhealthy, impure and unwholesome. The terms, pure milk or unadulterated milk, when used singly or together mean sweet milk not adulterated, and the terms pure cream or unadulterated cream, when used singly or together mean cream taken from pure and unadulterated milk.

§ 21. Care and feed of cows. No person shall keep cows, for the production of milk for market or for sale or exchange, or for manufacturing the milk or cream from the same into any article of food, in a crowded or unhealthy condition, or feed any such cows

on distillery waste or on any substance in the state of putrefaction or fermentation, or upon any food that is unhealthy or that produces impure, unhealthy, diseased or unwholesome milk. But this section shall not be construed to prohibit the feeding of ensilage.

§ 22. Prohibition of the sale of adulterated milk. No person shall sell or exchange, or offer or expose for sale or exchange, any unclean, impure, unhealthy, adulterated or unwholesome milk or any cream from the same, or sell or exchange or offer or expose for sale or exchange any article of food made from such milk, or of or from cream from the same, or manufacture from any such milk or cream from the same, any article of food.

§ 23. Regulations in regard to butter and cheese factories. No person shall sell, supply or bring to be manufactured to any butter or cheese factory any milk diluted with water, or any unclean, impure, unhealthy, adulterated or unwholesome milk, or milk from which any of the cream has been taken, except pure skim milk to skim-cheese factories. No person shall sell, supply or bring to be manufactured to any butter or cheese factory any milk from which there has been kept back any part of the milk commonly known as strippings, or any milk that is sour, except pure skim milk to skim-cheese factories. The owner or proprietor or the persons having charge of any butter or cheese factory, not buying all the milk used by him, shall not use for his own benefit, or allow any of his employees or any other person to use for his own benefit, any milk, cream, butter or cheese or any other product thereof, brought to such factory, without the consent of the owners of such milk or the products thereof. Every butter or cheese manufacturer not buying all the milk he uses, shall keep a correct account of all the milk daily received, of the number of packages of butter and cheese made each day, and the number of packages and aggregate weight of cheese and butter disposed of each day; which account shall be open to inspection to any person who delivers milk to such factory.

§ 24. Cans to be branded with the name of county. No person shall sell or offer or expose for sale or exchange any milk, except in the county where produced, unless each can, vessel or package containing such milk shall be distinctly and durably branded with letters not less than one inch in length and of a suitable width to correspond with such length, and with suitable spaces between the letters, on the outside, above the center, on every can, vessel or package containing such milk, the name of the county from which the same is produced; and the same letters shall be branded or painted in a conspicuous place on the carriage or vehicle in which the milk is drawn to be sold; and such milk shall not be sold by the producer outside of the county in which it is produced, except in or out of a can, vessel, package or carriage or vehicle so marked. The foregoing prohibitions and provisions of this section shall not apply when milk is sold or delivered in glass bottles. No milk shall be sold or delivered in glass bottles, except in the county where produced, unless such bottles shall have legibly blown, stamped, engraved, etched, impressed or moulded in the glass, or otherwise produced upon such bottles, the name of the vendor, or the same is on a label or cover affixed thereto, or there is some mark or device on or affixed to such bottles by which the vendor may be ascertained.

(Amended by section 1 of chapter 143 of the Laws of 1894.)

§ 25. Regulations in regard to condensed milk. No condensed milk shall be made or offered or exposed for sale or exchange unless manufactured from pure, clean, healthy, fresh, unadulterated and wholesome milk from which the cream has not been removed. No person shall manufacture, sell or offer for sale or exchange in hermetically sealed cans, any condensed milk, containing less than twenty-five per centum of butter fats and unless put up in packages upon which shall be distinctly labeled or stamped the name of the persons or corporation by whom made and the brand by which or under which it is made. When condensed milk shall be sold from cans or packages not hermetically sealed, the vendor shall brand or label such cans or packages with the name of the manufacturer of the milk contained therein.

(Amended by section 1 of chapter 426 of the Laws of 1894, and section 1 of chapter 768 of the Laws of 1897.)

§ 26. **Manufacture and sale of imitation butter prohibited.** No person by himself, his agents or employes, shall produce or manufacture out of or from any animal fats or animal or vegetable oils not produced from unadulterated milk or cream from the same, the article known as oleomargarine or any article or product in imitation or semblance of natural butter produced from pure, unadulterated milk or cream of the same; or mix, compound with or add to milk, cream or butter any acids or other deleterious substance or any animal fats or animal or vegetable oils not produced from milk or cream, so as to produce any article or substance or any human food in imitation or in the semblance of natural butter, nor sell, keep for sale or offer for sale any article, substance, or compound made, manufactured or produced in violation of the provisions of this section, whether such article, substance or compound shall be made or produced in this state or elsewhere.

(Amended by section 1 of chapter 149 of the Laws of 1899.)

§ 27. **Manufacture of (*) mixing of animal fats with milk, cream or butter prohibited.** No person shall manufacture, mix or compound with or add to natural milk, cream or butter any animal fats or animal or vegetable oils, nor make or manufacture any oleaginous substance not produced from milk or cream, with intent to sell the same as butter or cheese made from unadulterated milk or cream or have the same in his possession with such intent; nor shall any person solicit or take orders for the same or offer the same for sale, nor shall any such article or substance or compound so made or produced, be sold as and for butter or cheese the product of the dairy. No person shall coat, powder or color with annatto or any coloring matter whatever, butterine or oleomargarine or any compound of the same or any product or manufacture made in whole or in part from animal fats or animal or vegetable oils not produced from unadulterated milk or cream by means of which such product, manufacture or compound shall resemble butter or cheese, the product of the dairy; nor shall he

* So in the original.

have the same in his possession with intent to sell the same nor shall he sell or offer to sell the same.

§ 28. Prohibited articles not to be furnished. No keeper or proprietor of any bakery, hotel, boarding-house, restaurant, saloon, lunch-counter or place of public entertainment, or any person having charge thereof or employed thereat, or any person furnishing board for any others than members of his own family, or for any employes where such board is furnished for a compensation or as part of the compensation of any such employe, shall keep, use or serve therein either as food for his guests, boarders, patrons, customers or employes or for cooking purposes any article or substance made in violation of the provisions of this article.

(Amended by chapter 518 of the Laws of 1899 by adding new section 29a.)

§ 29. Use of coloring matter prohibited. No person manufacturing with intent to sell any substance or article in imitation or semblance of butter or cheese not made exclusively from unadulterated milk or cream or both, with salt or rennet or both and with or without coloring matter or sage, but into which any animal, intestinal or offal fats, or any oils or fats or oleaginous substance of any kind not produced from pure, unadulterated milk or cream, or into which melted butter, or butter in any condition or state or any modification of the same, or lard or tallow shall be introduced, shall add thereto or combine therewith any annatto or compounds of the same, or any other substance or substances whatever, for the purpose or with the effect of imparting thereto a color resembling yellow, or any shade of yellow butter or cheese, nor introduce any such coloring matter or other substance into any of the articles of which the same is composed.

(Section 29a added by chapter 518, Laws of 1899.)

§ 30. Manufacture and sale of imitation cheese prohibited. No person shall manufacture, deal in, sell, offer or expose for sale or exchange any article or substance, in the semblance of or in imitation of cheese made exclusively of unadulterated milk or cream, or both, into which any animal, intestinal or offal fats or oils, or

*So in the original.

melted butter or butter in any condition or state or modification of the same, or oleaginous substances of any kind not produced from unadulterated milk or cream, shall be introduced.

§ 31. When prohibition does not apply to skim-milk or skim-cheese. Except in the counties of New York and Kings, the prohibitions contained in this article against the sale of adulterated milk shall not apply to skim-milk, which is clean, pure, healthy, wholesome and unadulterated, except by skimming, sold for use in the county in which it is produced or an adjoining county, if it is sold for and as skimmed milk. The prohibitions in this article against the sale of cheese made from unadulterated milk or cream, shall not apply to pure skim-cheese made from milk which is clean, pure, healthy, wholesome and unadulterated, except by skimming.

(Amended by chapter 153 of the Laws of 1898.)

§ 32. Packages to be branded with name of maker. No manufacturer of receptacles for the package of butter shall sell or dispose of any such receptacle without branding his name and the true weight of the receptacle upon the same with legible letters or figures not less than one-quarter of an inch in length. No person shall sell, or offer for sale, any package containing butter or lard packed by him unless the true weight thereof, with the initial letters of the name of the person packing such butter or lard, be marked or stamped in a legible manner on the side or head of such package.

(Amended by chapter 559 of the Laws of 1898.)

§ 33. Manufacturer's brand of cheese. Every manufacturer of full-milk cheese may put a brand upon each cheese indicating "full-milk cheese," and the date of the month and year when made, and no person shall use such a brand upon any cheese made from milk from which any of the cream has been taken. The commissioner of agriculture shall procure and issue to the cheese manufacturers of the state on proper application therefor, and under such regulations as to the custody and use thereof as he may prescribe, a uniform stencil brand, bearing a suitable device or motto, and the words, "New York state full-cream cheese." Every such brand shall be used upon the outside of the cheese and upon

the package containing the same, and shall bear a different number for each separate factory. The commissioner shall keep a book, in which shall be registered the name, location and number of each manufactory using the brand, and the name or names of the persons at each manufactory authorized to use the same. No such brand shall be used upon any other than full-cream cheese or packages containing the same.

§ 34. Use of false brand prohibited. No person shall offer, sell, or expose for sale, in any package, butter or cheese which is falsely branded or labeled.

§ 35. County trade marks. At a regular or special meeting of a county dairymen's association in any county of the state there may be adopted a county trade mark, by a majority of the members present and voting, to be used as a trade mark by any person manufacturing pure unadulterated butter or full-cream cheese in such county. The secretary of the association shall forthwith send to the commissioner of agriculture a copy of such trade mark, which copy he shall place on file in his office, noting thereupon the day and hour he received the same. But one county trade mark for butter and for cheese shall be placed on file for the same county. No association shall adopt any trade mark of any county already on file, or use that of any other county in the formation of a trade mark.

§ 36. Object and intent of this article. This article and each section thereof are declared to be enacted to prevent deception in the sale of dairy products, and to preserve the public health, which is endangered by the manufacture, sale and use of the articles or substances herein regulated or prohibited.

(Amended by chapter 554 of the Laws of 1897, chapter 558 of the Laws of 1898, and chapter 435 of the Laws of 1899.)

§ 37. Penalties. Every person violating any of the provisions of this article shall forfeit to the people of the state of New York the sum of one hundred dollars for every such violation. When such violation consists of the manufacture or production of any prohibited article, each day during which or any part of which such manufacture or production is carried on or continued, shall

*So in the original.

be deemed a separate violation of the provisions of this article. When the violation consists of the sale, or the offering or exposing for sale or exchange of any prohibited article or substance, the sale of each one of several packages shall constitute a separate violation, and each day on which any such article or substance is offered or exposed for sale or exchange shall constitute a separate violation of this article. When the use of any such article or substance is prohibited, each day during which or any part of which said article or substance is so used or furnished for use, shall constitute a separate violation, and the furnishing of the same for use to each person to whom the same may be furnished shall constitute a separate violation.

ARTICLE III.

ADULTERATED VINEGAR.

Section 50. Definition of adulterated vinegar.

51. Manufacture and sale of adulterated or imitation vinegar prohibited.
52. Packages containing cider vinegar to be branded.
53. Penalties.

§ 50. Definition of adulterated vinegar. All vinegar which contains any proportion of lead, copper, sulphuric acid, or other ingredients injurious to health, or any artificial coloring matter or which has not an acidity equivalent to the presence of at least four and one-half per centum, by weight, of absolute acetic acid, or cider vinegar which has less than such an amount of acidity, or less than two per centum of cider vinegar solids on full evaporation over boiling water, shall be deemed adulterated. The term, cider vinegar, when used in this article means vinegar made exclusively from pure apple juice.

§ 51. Manufacture and sale of adulterated or imitation vinegar prohibited. No person shall manufacture for sale, keep for sale or offer for sale:

1. Any adulterated vinegar.
2. Any vinegar or product in imitation or semblance of cider vinegar, which is not cider vinegar.
3. As or for cider vinegar, any vinegar or product which is not cider vinegar.

§ 52. Packages containing cider vinegar to be branded. Every manufacturer or producer of cider vinegar shall plainly brand on the head of each cask, barrel, keg or other package containing such vinegar, his name and place of business and the words "cider vinegar." And no person shall mark or brand as or for cider vinegar any package containing that which is not cider vinegar.

§ 53. Penalties. Every person violating the provisions of this article shall forfeit and pay to the people of the state the sum of one hundred dollars for each violation.

ARTICLE IV.

DISEASES OF DOMESTIC ANIMALS.

Section 60. Suppression of infectious or contagious disease.

61. Commissioner to issue notice.
62. Farms to be quarantined.
63. Detention and destruction of animals.
64. Employment of veterinary surgeons.
65. Regulations and enforcement thereof.
66. Penalties.
67. Expenses.
68. Compensation to owners of animals destroyed.
69. Federal regulations.
70. Rights of federal inspectors.

§ 60. Suppression of infectious and contagious disease. Whenever any infectious or contagious disease except tuberculosis and glanders affecting domestic animals shall be brought into or break out in this state, the commissioner of agriculture shall take measures to promptly suppress the same, and to prevent such disease from spreading.

§ 61. Commissioner to issue notice. He shall issue and publish a notice, stating that a specified infectious or contagious disease exists in any designated county or other geographical district of the state, and warning all persons to seclude in the premises where they may be at the time, all animals within such county or district, that are of a kind susceptible to contract such disease, and ordering all persons to take such precautions against the spreading of the disease, as the nature thereof may in his judgment

render necessary or expedient, and which he may specify in such notice. Such notice shall be published in such newspapers, and be posted in such manner as the commissioner may designate, and as, in his judgment, are most likely to give notice thereof.

§ 62. Farms to be quarantined. The commissioner or an assistant commissioner, shall order any premises, farm or farms where such disease exists, or recently existed, to be put in quarantine, so that no domestic animal be removed from or brought to the premises or places quarantined, and shall prescribe such regulations as he may judge necessary or expedient to prevent the communication of the disease by infection or contagion, in any way from the places so quarantined.

§ 63. Detention and destruction of animals. The commissioner or an assistant commissioner, may order all or any animals coming into the state to be detained at any place or places for the purpose of inspection and examination. He may prescribe regulations for the destruction of animals affected with infectious or contagious disease, and for the proper disposal of their hides and carcasses, and of all objects which might carry infection or contagion. Whenever, in his judgment necessary, for the more speedy and economical suppression or prevention of the spread of any such disease, he may cause to be slaughtered, and to be afterwards disposed of, in such manner as he may deem expedient, any animal or animals, which, by contact or association with diseased animals, or by other exposure to infection or contagion, may be considered or suspected to be liable to contract or communicate the disease sought to be suppressed or prevented.

§ 64. Employment of veterinary surgeons. The commissioner may employ such and so many medical and veterinary practitioners and such other persons as he may, from time to time, deem necessary to assist him in discharging the duties imposed upon him by this article, and may fix their compensation. All persons now employed by the governor for such purposes shall continue in the employ of the commissioner upon the same terms, until such employment shall be terminated or modified by the commissioner.

No animal shall be destroyed by the commissioner or by his order, on the ground that it is a diseased animal, unless first examined by a medical or veterinary practitioner in the employ of the commissioner under this section, nor until such practitioner renders a certificate to the effect that he has made such examination, that in his judgment such animal is affected with a specified infectious or contagious disease, or that its destruction is necessary in order to suppress or aid in suppressing such disease, or to prevent such disease, or to prevent the spread thereof specifying the reasons for such necessity.

§ 65. Regulations and the enforcement thereof. The commissioner may prescribe such regulations as in his judgment may be thought suited for the suppression or prevention of the spread of any such disease, and for the disinfection of all premises, buildings, railway cars, vessels and other objects from or by means of which infection or contagion may take place or be conveyed. He may alter or modify, from time to time, as he may deem expedient, the terms of all notices, orders and regulations issued or made by him, and may at any time cancel or withdraw the same. He may call upon the sheriff or deputy sheriff, to carry out and enforce the provisions of any notice, order or regulation which he may make, and all such sheriffs and deputy sheriffs shall obey and observe all orders and instructions which they may receive from him in the premises.

§ 66. Penalties. Any person violating, disobeying or disregarding the terms of any notice, order or regulation, issued or prescribed by the commissioner under this article, shall forfeit to the people of the state the sum of one hundred dollars for every such violation.

§ 67. Expenses. All expenses incurred by the commissioner in carrying out the provisions of this article and in performing the duties herein devolved upon him shall be audited by the comptroller as extraordinary expenses of the department of agriculture, and paid out of any moneys in the treasury appropriated for such purposes.

§ 68. Compensation to owners of animals destroyed. The actual value at the time they are killed of any animals slaughtered under the provisions of this article, shall be paid to the owners of such animals. For the purpose of ascertaining and determining such value, the commissioner, or any agent appointed by him under this article, shall appoint one appraiser, the owner of the animals killed shall appoint another, and the two thus appointed shall select a third, and the three shall appraise the amount to be paid to the owner of the animals. The board of claims shall have exclusive jurisdiction to hear, audit and determine all claims which shall arise under the provisions of this article for compensation for animals slaughtered, and to allow thereon such sums as should be paid by the state. No compensation shall be made to any person who has willfully concealed the existence of disease among his animals or upon his premises, or who in any way by act or by willful neglect, has contributed to spread the disease sought to be suppressed or prevented.

§ 69. Federal regulations. The commissioner of agriculture may accept, in behalf of the state, the rules and regulations prepared and adopted by the commissioner of agriculture or the secretary or department of agriculture of the United States, under any act of congress for the establishment of a bureau of animal industry or to prevent the exportation of diseased cattle or to provide means for the extirpation and suppression of pleuro-pneumonia and other contagious diseases among domestic animals and shall co-operate with the authorities of the United States in the enforcement of the provisions of any such act.

§ 70. Rights of federal inspectors. The inspectors of the bureau of animal industry of the United States shall have the right of inspection, quarantine and condemnation of animals affected with any contagious, infectious or communicable disease, or suspected to be so affected or that may have been exposed to any such disease, and for such purposes they may enter upon any ground or premises; they may call the sheriffs, constables and peace officers to assist them in discharge of their duties in carrying

out the provisions of any such act; and all sheriffs, constables and peace officers shall assist such inspectors when so requested, and such inspectors shall have the same powers and protection as peace officers, while engaged in the discharge of their duties. This state shall not be liable for any damages or expenses caused or made by such inspectors.

(Sections 71, 72 and 73 added by chapter 491 of the Laws of 1898.)

ARTICLE V.

(Made Article 6 by chapter 500 of the Laws of 1897.)

MISCELLANEOUS PROVISIONS.

Section 80. The prevention of diseases among bees.

81. Proceedings of the agent of the commissioners.

82. The prevention of disease in fruit trees.

83. Appointment and duties of the agent of the commissioner of agriculture.

84. Proceedings in case of owner's failure to destroy.

85. The New York agricultural experiment station.

86. The state weather bureau.

87. The agricultural experiment station at Cornell university.

88. Receipts and apportionment of state moneys appropriated for the promotion of agriculture.

89. When agricultural societies entitled to additional sums from the state.

90. Annual report of the commissioner of agriculture and state society.

(Amended by section 1 of chapter 223 of the Laws of 1899.)

§ 80. The prevention of diseases among bees. No person shall keep in his apiary any colony of bees affected with a contagious malady known as foul brood and every bee-keeper, when he becomes aware of the existence of such disease among his bees, shall destroy or cause to be destroyed forthwith all colonies thus affected. In any county any five or more actual bee-keepers of the county in which foul brood exists, may present to the commissioner of agriculture a petition setting forth that such disease exists, or that the petitioners have reason to believe that it exists in such county, and the reasons of such belief and requesting him to appoint a competent person to prevent the spread of such disease, and eradicate the same.

Upon the receipt of such petition the commissioner of agriculture shall within thirty days thereafter appoint some well-known and competent bee-keeper of the county as an agent of the commissioner who shall hold his office during the pleasure of the commissioner of agriculture, and who shall within ten days after his appointment, file in the office of the county clerk of the county an acceptance of the appointment and constitutional oath of office.

(Amended by section 2 of chapter 223 of the Laws of 1899.)

§ 81. Proceedings of the agent of the commissioner. Upon written verified complaint of any two bee-keepers of the county to such agent, setting forth the existence of the disease, or that they have good reason to believe that it exists within the county, and the grounds of such belief, designating the apiary or apiaries wherein they believe it to be, such agent shall, without unnecessary delay, examine the bees so designated. If satisfied that any colony or colonies of such bees are diseased with foul brood, he shall, without further disturbance to the bees, fix some designating mark upon each hive wherein the disease exists, and immediately notify the owners of the bees, or by leaving a written notice at his place of residence, if he be a resident of the county, and if not, by leaving the same with the person in charge of such bees, requiring him within five days from the date of the notice to effectually remove or destroy such hive with its entire contents by burying them, or by fire. The agent of the commissioner shall be allowed for his services, under this section, two dollars for each full day spent by him in the discharge of his official duties, which shall be a county charge.

(Amended by chapter 482 of the Laws of 1898.)

§ 82. The prevention of disease in fruit trees. No person shall knowingly or willfully keep any peach, almond, apricot or nectarine tree affected with a contagious disease known as yellows, or offer for sale or shipment, or sell or ship to others any of the fruit thereof. Nor shall any person knowingly or willfully keep any plum, cherry or other trees infected with the contagious disease or fungus, known as black knot. Every such tree and the

fruit of a tree infected with yellows shall be a public nuisance, and no damages shall be awarded for entering upon premises and destroying such trees and fruit if infected with yellows or for cutting away the diseased part of any tree infected with black knot or altogether destroying such tree if necessary to suppress such disease, if done in accordance with the provisions of this article. Every person when he becomes aware of the existence of such disease in any tree or fruit owned by him, shall forthwith destroy or cause such tree or fruit to be destroyed or the infected part to be cut away.

(Amended by chapter 134 of the Laws of 1895, and chapter 482 of the Laws of 1898.)

§ 83. Appointment and duties of the agent of the commissioner of agriculture. When the commissioner of agriculture knows and has reason to believe that any such contagious disease exists, or that there is good reason to believe it exists, or danger is justly apprehended of its introduction in any town or city in the state, he shall forthwith appoint a competent freeholder of such town or city as his agent, who shall hold office during his pleasure and who shall within ten days after his appointment, file an acceptance of the appointment, with the constitutional oath of office, in the office of the town clerk of the town. Such agent shall on or without complaint, whenever it comes to his notice that either of the diseases known as yellows or black knot exists or is supposed to exist within the limits of the town or city, proceed without delay to examine the trees or fruit supposed to be infected, and if the disease is found to exist, a distinguishing mark shall be placed upon the diseased trees. If the disease is the black knot, such distinguishing mark shall be placed on some affected part of the trees, or if in the judgment of such agent any such trees should be entirely destroyed, then the trunk of such tree shall be thoroughly girdled, and thereupon the owner notified personally, or by a written notice signed by such agent and left at his usual place of residence, or if a nonresident by leaving the notice with the person in charge of the trees or fruit, or in whose possession they may be. Such notice shall contain a statement of all the

facts found to exist, with an order to effectually remove and destroy by fire or otherwise the trees or parts of trees so marked and designated, within ten days, Sundays excepted, from the day of the service of the notice. In case of fruit so infected, the notice shall require the person in whose possession or control it is found, to immediately destroy the same or cause it to be done.

(Repealed by chapter 482 of the Laws of 1898.)

§ 84 Proceedings in case of owner's failure to destroy. If any person shall refuse or neglect to comply with the order of such agent to remove and destroy trees or parts of trees so marked by him, such agent shall cause such trees or parts of trees to be removed and destroyed forthwith, employing all necessary assistance for that purpose; and such agent or his employes may enter upon any and all premises within the town or city for the purpose of such removal and destruction. Such agent shall be entitled to compensation for his services under this and the preceding sections at a rate of two dollars for each full day spent by him in the discharge of his duties, and the necessary disbursements paid or incurred by him, which with the expense and removal and destruction of any such trees or fruit shall be a town charge.

(Amended by section 1 of chapter 675 of the Laws of 1894.)

§ 85. The New York agricultural experiment station. The institution known as the New York agricultural experiment station, established in the village of Geneva for the purpose of promoting agriculture in its various branches by scientific investigation and experiment shall continue under the control and management of a board of trustees. Such board of trustees shall be known as the board of control of the state experiment station and shall consist of nine members to be appointed by the governor whose term of office shall be three years. The governor shall be a member of the board by virtue of his office. Such board of control shall annually elect a president from their own number and appoint a secretary and treasurer to hold their offices during the pleasure of the board. Such board of control shall have general management of the station and shall appoint a director to have oversight and management of the experiments and investigations

which shall be necessary to accomplish the objects of said institution, and may employ competent and suitable chemists and other persons necessary for carrying on the work of the station. Such board shall have the direction of the expenditure of all moneys appropriated to the institution and annually make a full report to the commissioner of agriculture of their proceedings, receipts and expenditures. No member shall receive any compensation for his services as such; but shall be paid his necessary traveling expenses and those expenses incurred by him by an actual attendance upon the meeting of such board. The board shall make such rules and regulations, subject to the approval of the commissioner of agriculture, as may from time to time become necessary to carry out the objects of the station.

§ 86. The state weather bureau. The state meteorological bureau and weather service, shall hereafter be known as the state weather bureau, and shall be under the control and management of the commissioner of agriculture. Such commissioner may appoint the director of such bureau but such director shall not receive any compensation for his services. The commissioner may continue the central office and station for meteorological observation and experiment upon the grounds of Cornell university, and shall if practicable establish and supervise one or more volunteer weather stations in each congressional district of the state, in co-operation with the chief of the United States weather bureau, for the purpose of increasing the usefulness of the weather service of the state and of the United States. The sum of four thousand five hundred dollars, or so much thereof as the commissioner deems necessary, shall be annually appropriated to be paid to the commissioner by the treasurer, upon the warrant of the comptroller, issued upon the vouchers of the commissioner, for necessary clerical services at such central office, for printing and distributing reports of the results and operations of such bureau, in such manner as shall be most serviceable to the people of the state, and for the purchase, preservation and repair of proper and necessary instruments for the work of such bureau and for the

reasonably necessary traveling and incidental expenses of such commissioner and director in the performance of their duties, and for such other expenses as such commissioner shall deem necessary for the efficient administration of such bureau.

(Amended by section 1 of chapter 376 and section 1 of chapter 675 of the Laws of 1894.)

§ 87. The agricultural experiment station at Cornell university. Cornell university is designated as the college within this state, solely entitled to receive the benefits of the act of congress of the United States approved March second, eighteen hundred and eighty-seven, entitled "An act to establish agricultural experiment stations in connection with the colleges established in the several states under the provisions of an act approved July second, eighteen hundred and sixty-two, and of the acts supplementary thereto." All benefits of such act which this state is authorized thereby to apply to any college, institution or agricultural experiment station within this state, are applied to the agricultural experiment station established under the direction of Cornell university, and this state consents that all appropriation, moneys or benefits to or for the use of this state, or of any institution within this state, payable under or in pursuance of such act of congress shall be paid to the treasurer of Cornell university, the officer designated to receive the same, to be expended as provided in such act of congress. Such experiment station shall annually, on or before the first day of February, make to the commissioner of agriculture, a full and detailed report of its operations, including a statement of its receipts and expenditures.

(Amended by section 1 of chapter 241 of the Laws of 1894, section 1 of chapter 820 of the Laws of 1895, section 1 of chapter 221 of the Laws of 1896, section 1 of chapter 589 of the Laws of 1897, and chapter 494 of the Laws of 1898.)

§ 88. Receipts and apportionments of state moneys appropriated for the promotion of agriculture. The moneys appropriated for the promotion of agriculture in this state shall be distributed among the various county agricultural societies, the

state agricultural society and the American institute in the city of New York in such proportion that out of every eight thousand dollars so distributed, each county society, the state society and said institute shall receive the number of dollars set opposite to it in the following schedule:

Albany.	\$205 00
Allegany.	101 99
Broome.	67 00
Cattaraugus.	86 00
Cayuga.	151 00
Chautauqua.	143 00
Chemung.	49 37
Chenango.	122 00
Clinton.	84 00
Columbia.	133 00
Cortland.	75 00
Delaware.	106 00
Dutchess	157 00
Erie.	186 00
Essex.	71 00
Franklin.	50 00
Fulton and Hamilton.	60 00
Genesee.	92 00
Greene.	91 00
Herkimer.	112 00
Jefferson.	183 00
Kings.	143 00
Lewis.	53 00
Livingston	127 60
Madison.	120 00
Monroe.	194 00
Montgomery.	107 00
American institute.	950 00
Niagara.	93 00
Oneida.	255 00
Onondaga.	204 00
Ontario.	130 00

Orange	152 00
Orleans	75 00
Oswego	131 00
Otsego	148 00
Putnam	38 00
Queens	91 00
Rensselaer	180 00
Richmond	34 00
Rockland	36 00
St. Lawrence	170 00
Saratoga	121 00
Schenectady	51 00
Schoharie	97 00
Schuyler	42 17
Seneca	74 00
Steuben	125 76
Suffolk	97 00
Sullivan	47 00
Tioga	61 00
Tompkins	96 70
Ulster	137 00
Warren	40 00
Washington	123 00
Wayne	126 00
Westchester	146 00
Wyoming	97 41
Yates	61 00
State society	700 00

In case a fractional part of eight thousand dollars is distributed, each society and the American institute shall receive such portion thereof as the amount to be received by it according to the foregoing schedule bears to eight thousand dollars. If there is no county agricultural society in any county, or it is not in active operation as such, the money which the county society of such county would be entitled to receive under this article shall be

apportioned among and paid to the several town agricultural societies in such county according to the amount of premiums paid, provided such town societies sustain a public fair with premium lists, which premium lists and reports of such town fairs shall be forwarded and made to the secretary of the state agricultural society.

(Amended by section 2 of chapter 241 of the Laws of 1894, and repealed by chapter 654 of the Laws of 1894; re-enacted, with changes, by chapter 587 of the Laws of 1895.)

§ 89. When agricultural societies entitled to additional sums from the state. When any county agricultural society, or the American institute in the city of New York, shall raise by voluntary subscription any sum of money, its president and treasurer shall make and subscribe an affidavit in duplicate of the formation of such society, and of its having raised a certain sum, specifying the amount, one of which affidavits shall be filed with the commissioner of agriculture and the other with the comptroller, who shall draw his warrant on the treasurer for a sum equal to the amount of such voluntary subscription, not exceeding the amount to which it would be entitled according to the apportionment in the last preceding section. Whenever the New York state agricultural society, the New York and New England agricultural society, the Western New York agricultural society, or the Interstate fair society shall annually raise, by voluntary subscription, not less than eight thousand dollars, for distribution by such society at its annual meeting and fair, as premiums on such articles productions and stock of the farm, and such improvements in farming machinery as they deem best calculated to promote the agricultural and stock-raising interests of this state, having special reference to the net profits which accrue or are likely to accrue from the mode pursued of raising the crop or stock, or the fabrication of the articles offered, with the intention that the premiums shall be given for the encouragement of the most economical or profitable mode in production; and shall so distribute such amount in such premiums; and the president and treasurer of such society shall make and subscribe a statement in duplicate verified by their

affidavit, of the fact that such sum has been so raised by voluntary subscription for such premiums, specifying the amount raised and that the same has been so distributed in premiums, and shall file one of such statements and affidavits in the office of the commissioner of agriculture and the other in the office of the comptroller; and such society shall offer in writing, signed by its president and treasurer, addressed to, and filed in the office of the comptroller, to act as the agent of the state in distributing such sum or sums of money, as the state may appropriate for distribution as premiums at its annual meeting and fair for the promotion of agriculture, and the improvement of the breed of stock in this state, and shall execute to the people of this state a bond, signed in its name by its president and treasurer, with such sureties as the comptroller shall approve, conditioned for the faithful performance of its duty, as such agent for such distribution, and shall file the same in the office of the comptroller, the state will appropriate, in each case the sum of eight thousand dollars to be distributed by such society, as premiums on such articles, productions, stock and improvements as may be exhibited at its annual meeting and fair on the conditions hereinbefore named, provided, however, that before any portion of the sum so to be appropriated by the state shall be so distributed as premiums, the person, persons, company or association claiming the same, or to whom the same may be awarded, shall first deliver in writing, to the president of such society an accurate and complete description of the process, in preparing the soil, including the quantity and quality of the manure applied, in raising the crop and in feeding the animal, including the kind and quantity of food, as near as may be, and also of the expense and product of the crop, or of increase in the value of the animal, with the view of showing accurately the profit of cultivating the crop or of feeding or of fattening the animal.

§ 90. Annual report to the commissioner of agriculture and state society. The president and treasurer of any agricultural society which receives any money of the state or acts as the agent of the state in the distribution of money of the state as premiums, shall annually before the fifteenth of December, transmit to the commissioner of agriculture a detailed account of the expenditure

or distribution of all such moneys as shall have come into their hands during the preceding year, and of such other moneys as they may have received from voluntary contributions for distribution as premiums, stating to whom, and for what purpose paid, with the vouchers therefor. The presidents of the several county societies and of the American institute shall annually transmit in the month of December, to the executive committee of the New York state agricultural society, all such reports or returns as they are required to demand from applicants, for premiums, together with an abstract of their proceedings during the year which shall be examined by such executive committee, and that they shall condense, arrange and report the same, with a statement of their own proceedings to the legislature on or before the first day of March in each year.

(Amended by chapter 640 of the Laws of 1894, and chapter 194 of the Laws of 1898.)⁴¹

§ 91. This chapter shall take effect immediately.

CHAPTER 570.

AN ACT to amend the code of criminal procedure, relating to violations of the agricultural law.

Approved by the Governor May 4, 1893. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section fifty-six of the code of criminal procedure is hereby amended to read as follows:

§ 56. Jurisdiction of courts. Subject to the power of removal provided for in this chapter, courts of special sessions, except in the city and county of New York and the city of Albany, have in the first instance exclusive jurisdiction to hear and determine charges of misdemeanors committed within their respective counties, as follows:

1. Petit larceny, charged as a first offense.
2. Assault in the third degree.

3. Racing, running or testing the speed of any animal within one mile of the place where any court is held.

4. Wrongfully severing any produce or article from the freehold, not amounting to grand larceny.

5. Selling poisonous substances not labeled as required by law.

6. Wrongfully and maliciously removing, defacing or cutting down monuments or marked trees.

7. Wrongfully destroying or removing mile-stones, mile-boards or guide-boards, or altering or defacing any inscription thereon.

8. Wrongfully destroying any public or toll-gate or turnpike gate.

9. Intoxication of a person engaged in running any locomotive engine upon any railroad, or while acting as conductor of a car, or train of cars, on any such railroad, or a misdemeanor committed by any person on a railroad car or train.

10. Setting up or drawing unauthorized lotteries, or printing and publishing an account of any such illegal lottery, game or device, or selling lottery tickets, or procuring them to be sold, or offering for sale or distributing any property depending upon any lottery, or for selling any chances in any lottery contrary to the provisions of law.

11. Unlawfully running, trotting or pacing horses or any other animals.

12. Making or selling slung-shot or any similar weapon.

13. Unlawfully disclosing the finding of an indictment.

14. Unlawfully bringing to or carrying letters from any county jail, penitentiary or state prison.

15. Unlawfully destroying or injuring any mill-dam or embankment necessary for the support of such dam.

16. Unlawfully injuring any telegraph wire, post, pier, abutment, materials or property belonging to any line of telegraph.

17. Unlawfully counterfeiting any representation, likeness, similitude or copy of a private stamp, wrapper or label of any mechanic or manufacturer.

18. Malicious trespass on lands, trees or timber, or injuring any fruit or ornamental or shade trees or vines.

19. Maliciously breaking or lowering any canal walls, or wantonly opening any lock-gate, or destroying any bridge, or otherwise unlawfully injuring such canal or bridge.

20. Unlawfully counterfeiting or defacing marks on packages.

21. Unlawfully setting fire to wood or fallow land, or allowing the same to extend to lands of others, or unlawfully refusing to extinguish any fire.

22. Unlawfully or negligently cutting out, altering or defacing any mark on any logs, timber, wood or plank floating in any waters of this state, or lying on the banks or shores of any such waters, or at any saw-mills, or in any island where the same may have drifted.

23. Unlawfully frequenting or attending a steamboat landing, railroad depot, church, banking institution, broker's office, place of public amusement, auction room, store, auction sale at private residence, passenger car, a hotel, restaurant, or at any other gathering of people.

24. Unlawfully taking and carrying away the oysters of another lawfully planted upon the bed of a river, bay, sound or other waters within the jurisdiction of this state.

25. Removing property out of the county, with intent to prevent the same from being levied upon by execution, or secreting, assigning, conveying or otherwise disposing of property with intent to defraud any creditor, or to prevent the property being made liable for the payment of debts, or for receiving property with such intent.

26. Driving any carriage upon any turnpike, road or highway for the purpose of running horses.

27. Cruelty to animals or children.

28. Cheating at games.

29. Winning or losing at any game or play, or by any bet, as much as twenty-five dollars within twenty-four hours.

30. Selling liquors in a court-house or jail contrary to law.

31. Exposure of the person contrary to law.

32. Crimes against the provisions of existing laws for the prevention of wanton or malicious mischief.

33. When a complaint is made to or a warrant is issued by a committing magistrate, for a violation of the laws relating to excise and the regulation of taverns, inns and hotels, or for unlawfully selling or giving to any Indian spirituous liquors or intoxicating drinks.

34. Frauds on hotel, inn, tavern and boarding-house keepers.

35. All violations of the provisions of the agricultural law.

36. Such other jurisdiction as is now provided by special statute or municipal ordinance authorized by statute.

SECTION 408a OF THE PENAL CODE.

(Amended by chapter 426 of the Laws of 1894, and chapter 554 of the Laws of 1897.)

Section 408a of the Penal Code provides as follows:

408a. Violation of the agricultural law. Any person who disregards, disobeys or violates any proclamation, notice, order or regulation lawfully issued or prescribed by the commissioner of agriculture for the suppression or prevention of the spread of infectious or contagious diseases among domestic animals, or who violates any of the provisions of sections eighty and eighty-two of article five of the agricultural law is guilty of a misdemeanor; every person who violates any of the provisions of article two of said chapter is guilty of a misdemeanor and shall be punished by a fine of not less than twenty-five dollars nor more than two hundred dollars, or by imprisonment of not less than one month or more than six months or by both such fine and imprisonment, for the first offense.

EXTRACT FROM CHAPTER 332 OF THE LAWS OF 1893.

SCHEDULE OF LAWS REPEALED.

REVISED STATUTES.		Sections.
Part 1, chapter 17, title 3.....		1-4.
LAWS OF	Chapter.	Section.
1841.....	169.....	All, except §§ 3 and 6.
1844.....	336.....	All.
1848.....	299.....	All, except §§ 3 and 6.
1869.....	167.....	All.
1878.....	134.....	All.
1879.....	306.....	All.
1880.....	592.....	All.
1881.....	300.....	All.
1882.....	215.....	All.
1882.....	238.....	All.
1882.....	246.....	All.
1883.....	13.....	All.
1884.....	202.....	All.
1884.....	418.....	All.
1884.....	474.....	All.
1885.....	183.....	All, except § 26.
1885.....	283.....	All.
1885.....	127.....	All.
1885.....	458.....	All.
1886.....	280.....	All.
1886.....	577.....	All, except that part of § 6 designated as § 24.
1887.....	155.....	All.
1887.....	223.....	All.
1887.....	403.....	All.
1887.....	430.....	All.
1887.....	475.....	All.
1887.....	562.....	All.
1887.....	533.....	All.
1888.....	286.....	All.
1888.....	298.....	All.
1888.....	520.....	All.
1888.....	550.....	All.
1889.....	24.....	All.
1889.....	148.....	All.
1889.....	515.....	All.
1889.....	538.....	All.
1890.....	8.....	All.
1891.....	140.....	All.
1891.....	354.....	1, 2.
1892.....	501.....	All.
1892.....	707.....	All.

LAWS OF 1894.

CHAPTER 143.

AN ACT to amend the agricultural law relating to condensed milk.

Became a law March 19, 1894, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section twenty-five of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," as amended by chapter five hundred and sixty-four of the laws of eighteen hundred and ninety-three, is hereby amended so as to read as follows:

§ 25. Regulations in regard to condensed milk. No condensed milk shall be made or offered or exposed for sale or exchange unless manufactured from pure, clean, healthy, fresh, unadulterated and wholesome milk from which the cream has not been removed either wholly or in part, or unless the proportion of milk solids shall be in quantity the equivalent of twelve per centum of milk solids in crude milk, and of which solids twenty-five per centum shall be fats. No person shall manufacture, sell or offer for sale or exchange in hermetically sealed cans, any condensed milk unless put up in packages upon which shall be distinctly labeled or stamped the name of the person or corporation by whom made and the brand by which or under which it is made. When condensed milk shall be sold from cans or packages not hermetically sealed, the vendor shall brand or label such cans or packages with the name of the manufacturer of the milk contained therein.

§ 2. This act shall take effect immediately.

CHAPTER 153.

AN ACT to establish a state veterinary college at Cornell university.

Became a law March 21, 1894, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. There is hereby established a state veterinary college at Cornell university. For the purpose of constructing and equipping suitable buildings for such college upon the grounds of said university at Ithaca, New York, the sum of fifty thousand dollars, or as much thereof as may be necessary, is hereby appropriated, to be paid by the treasurer, upon the warrant of the comptroller upon vouchers approved by the commissioner of agriculture to the Cornell university. No part of such moneys shall be expended until plans and specifications for the construction and equipment of such building, and of the location thereof, shall have been approved by the commissioner of agriculture, nor until the comptroller shall have certified that in his judgment the expense of the completion and equipment of such buildings in accordance with such plans and specifications will not exceed the amount of such appropriation. Such buildings and equipment shall be the property of the state.

§ 2. This act shall take effect immediately.

CHAPTER 241.

AN ACT to amend the agricultural law in relation to the distribution of money for agricultural purposes, and repealing certain acts and parts of acts.

Became a law April 3, 1894, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section eighty-eight, article five of chapter three

hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of the general laws," is hereby amended to read as follows:

(Amended by section 1 of chapter 820 of the Laws of 1895, section 1 of chapter 221 of the Laws of 1896, section 1 of chapter 589 of the Laws of 1897, and chapter 494 of the Laws of 1898.)

§ 88. Receipts and apportionment of moneys for the promotion of agriculture. Money appropriated for the promotion of agriculture in this state, the distribution of which is not otherwise provided by law, and money collected from racing associations pursuant to chapter four hundred and seventy-nine of the laws of eighteen hundred and eighty-seven, shall be apportioned and distributed by the commissioner of agriculture among the various county agricultural societies and the American institute in the city of New York, as follows: One-half thereof shall be apportioned and distributed equally, and the remainder in proportion to the actual premiums paid during the previous year by such societies and institute, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. If there is no county agricultural society in any county, or it is not in active operation as such, the money which the county society of such county would be entitled to receive under this article shall be apportioned among and paid to the several town agricultural societies in such county according to the amount of premiums paid, provided such town societies sustain a public fair with premium lists, which premium lists and reports of such town fairs shall be forwarded and made to the commissioner of agriculture.

§ 2. Section eighty-nine of said act is hereby amended to read as follows:

(Repealed by chapter 654 of the Laws of 1894; re-enacted, with changes, by chapter 587 of the Laws of 1895.)

§ 89. If any agricultural society, club or exposition other than the state agricultural society, which has held annual fairs during the past three years, shall, in any year, pay out at its annual meeting or fair three thousand dollars, as premiums for the pro-

motion of agricultural interests, exclusive of premiums paid for trials of speed or endurance of man or beast, and the president and treasurer of such society, club or exposition shall make and subscribe a statement in duplicate, verified by their affidavit, of the fact that such sum has been so paid and distributed in premiums, and shall on or before the first day of December in such year, file one of such statements and affidavits in the office of the commissioner of agriculture, and the other in the office of the comptroller, and such society, club or exposition shall make an offer in writing, signed by its president and treasurer, addressed to and filed in the office of the comptroller, to act as the agent of the state in distributing such sum or sums of money as the state may appropriate for distribution as premiums at its annual meeting, and fair, for the promotion of agriculture, and the improvement of the breed of stock in this state, and the encouragement of the domestic and mechanic arts, and shall execute to the people of this state a bond, signed in its name by its president and treasurer, with such sureties, as the comptroller shall approve, conditioned for the faithful performance of its duty as such agent, for such distribution, and shall file the same in the office of the comptroller, the state will appropriate to each of such societies, clubs or expositions, the sum of two thousand dollars, to be distributed by such society, club or exposition as premiums on such articles, productions, stock and improvements as may be exhibited at its annual meeting and fair on the conditions hereinbefore named. Provided, however, that if any such society, club or exposition shall receive in any year two thousand dollars as herein provided, such society, club or exposition shall not receive any portion of the moneys collected from racing associations, pursuant to chapter four hundred and seventy-nine of the laws of eighteen hundred and eighty-seven, or of moneys already appropriated for the benefit of the county agricultural societies.

§ 3. Section six of chapter four hundred and seventy-nine of the laws of eighteen hundred and eighty-seven, and chapter five hundred and eleven of the laws of eighteen hundred and ninety-two, are hereby repealed.

§ 4. This act shall take effect immediately.

CHAPTER 376.

AN ACT to amend the agricultural law in relation to experiment stations.

Became a law April 27, 1894, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section eighty-seven of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," is hereby amended so as to read as follows:

§ 87. The Cornell university and the agricultural experiment station at Geneva, established by the laws of this state, are hereby designated as the institutions within this state to receive the benefits of the act of congress of the United States, approved March second, eighteen hundred and eighty-seven, entitled "An act to establish agricultural experiment stations in connection with the colleges established in the several states under the provisions of an act approved July second, eighteen hundred and sixty-two, and the acts supplementary thereto." All benefits of said act which this state is authorized to apply to any college, institution or agricultural experiment station, within this state, are hereby applied to the agricultural experiment station established under the direction of the Cornell university and the agricultural experiment station at Geneva, and this state hereby consents that all appropriations, moneys or benefits to or for the benefit of this state, or any institution within this state payable under or in pursuance of this act of congress shall be paid nine-tenths thereof to the officer of the Cornell university, designated to receive the same in accordance with said act, and one-tenth thereof to the officer of the agricultural experiment station at Geneva, designated to receive the same in accordance with said act of congress. Such experiment stations shall, annually, on or before the first day of February make, to the commissioner of

agriculture, a full and detailed report of its operations, including a statement of its receipts and expenditures for the year ending with the thirteenth day of September then next preceding.

§ 2. This act shall take effect immediately.

CHAPTER 410.

AN ACT making an appropriation for the disbursement of moneys paid into the treasury in pursuance of the provisions of chapter four hundred and seventy-nine of the laws of eighteen hundred and eighty-seven, and the acts amendatory thereof.

Became a law May 3, 1894, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The sum of twenty-two thousand seven hundred fifty-two dollars and sixty-four cents, being the amount paid into the treasury prior to the twelfth day of April, eighteen hundred and ninety-four, in pursuance of the provisions of chapter four hundred and seventy-nine of the laws of eighteen hundred and eighty-seven and acts amendatory thereof, is hereby appropriated out of any moneys in the treasury not otherwise appropriated payable by the treasurer, on the warrant of the comptroller, to the order of the commissioner of agriculture to be disbursed by him pursuant to the provisions of chapter two hundred and forty-one of the laws of eighteen hundred and ninety-four.

§ 2. This act shall take effect immediately.

CHAPTER 426.

AN ACT to amend the agricultural law and the penal code relative to violations of the same.

Became a law May 3, 1894, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section twenty-six of the agricultural law is amended as follows:

(Amended by section 1 of chapter 768 of the Laws of 1897.)

§ 26. Manufacture and sale of imitation butter prohibited. No person, by himself, his agents or employes, shall produce or manufacture out of or from any animal fats or animal or vegetable oils not produced from unadulterated milk, or cream from the same, any article or product in imitation or semblance of natural butter produced from pure, unadulterated milk or cream of the same; nor shall any person solicit or take orders for the same, or offer the same for sale, or mix, compound with or add to milk, cream or butter any acids or other deleterious substance, or any animal fats or animal or vegetable oils not produced from milk or cream, so as to produce any article or substance or any human food in imitation or in semblance of natural butter, nor sell, keep for sale or offer for sale any article, substance or compound made, manufactured or produced in violation of the provisions of this section, whether such article, substance or compound shall be made or produced in this state or elsewhere.

§ 2. Section four hundred and eight-a of the penal code is amended as follows:

(Amended by chapter 554 of the Laws of 1897.)

§ 408a. Violations of agricultural law. Any person who disregards, disobeys or violates any proclamation, notice, order or regulation, lawfully issued or prescribed by the commissioner of agriculture for the suppression or prevention of the spread of infectious or contagious diseases among domestic animals, or

who violates any of the provisions of sections eighty and eighty-two of article five of the agricultural law, is guilty of a misdemeanor; every person who violates any of the provisions of article two of said chapter is guilty of a misdemeanor, and shall be punished by a fine of not less than twenty-five dollars nor more than two hundred dollars, or by imprisonment of not less than one month nor more than six months, or by both such fine and imprisonment, for the first offense, and by six months imprisonment for the second offense; and any person who violates any of the provisions of article three of said chapter is guilty of a misdemeanor, and shall be punished by a fine of not less than fifty dollars nor more than one hundred dollars.

§ 3. This act shall take effect immediately.

CHAPTER 640.

AN ACT to amend the agricultural law authorizing agricultural societies and corporations to lease their grounds.

Became a law May 10, 1894, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section ninety-one, article five of the agricultural law is hereby amended to read as follows:

(Amended by Chapter 194 of the Laws of 1898.)

§ 91. Lease of grounds of agricultural societies and corporations. Any agricultural society or corporation, owning or possessing grounds in a county of this State having a population of more than three hundred thousand and less than six hundred thousand may lease such grounds for any lawful purpose except running races not inconsistent with the use thereof for the purposes of the society or corporation, for such time or times as said grounds may not be needed by any such agricultural society or corporation for its own purposes.

§ 2. This act shall take effect immediately.

CHAPTER 654.

AN ACT making appropriations for the support of government. Became a law May 11, 1894, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The several amounts named in this act are hereby appropriated and authorized to be paid from the several funds indicated, to the respective public officers, and for the several purposes specified, for the fiscal year beginning on the first day of October, in the year eighteen hundred and ninety-four, namely:

FROM THE GENERAL FUND.

* * * * *

For the promotion of agriculture in this state, sixty-four thousand dollars; twenty thousand dollars thereof shall be distributed in premiums by the New York state agricultural society; twenty thousand dollars thereof shall be distributed by the commissioner of agriculture among the county agricultural societies of this state and to the American institute of the city of New York, as follows: One-half thereof shall be apportioned and distributed equally, and the remainder in proportion to actual premiums paid during the previous year by such societies and institute, exclusive of premiums paid for racing, twenty-four thousand dollars, which shall be paid as follows: The sum of two thousand dollars to any society, club or exposition which shall have held annually fairs during each of the three years next preceding such distribution, and which shall have paid at each of its annual meetings or fairs during such three years three thousand dollars as premiums for agricultural interests, exclusive of the premiums paid for racing, and shall on or before the first day of December in such year file a statement in duplicate, verified by its president and treasurer, showing such payment, together with the amount of each premium and the name of the person to whom it was paid, one of which statements shall be filed in the office of the commissioner of agriculture, and the other in the office of the comptroller, and shall file a written offer

and bond to be approved by the comptroller, to the effect that such society, club or exposition will act as an agent of the state for the distribution and payment of such money for premiums at its annual fair; but if such society, club or exposition shall receive two thousand dollars as herein provided, it shall not receive any portion of the moneys collected from racing associations or moneys already appropriated for the benefit of county agricultural societies; the balance of said twenty-four thousand dollars not distributed as herein provided to be distributed among the county agricultural societies of the state as follows: One-half of said balance to be apportioned and distributed equally and the remainder in proportion to the actual premiums paid during the previous year by such societies, exclusive of premiums paid for racing.

Chapter three hundred and fifty-four of the laws of eighteen hundred and ninety-one and section eighty-nine of article five of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three are hereby repealed.

* * * * *

CHAPTER 675.

AN ACT to amend the agricultural law, in relation to agricultural experiment stations within this state, and to make an appropriation therefor.

Became a law May 12, 1894, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Sections eighty-five and eighty-seven of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," are hereby amended to read as follows:

§ 85 **The New York Agricultural Experiment Station.** The institution known as the New York Agricultural Experiment Station, established in the village of Geneva, for the purpose of promoting agriculture in its various branches by scientific investigation and experiment shall continue under the control and management of a board of trustees. Such board of trustees shall be known as the board of control of the state experiment station and shall consist of nine members to be appointed by the governor whose term of office shall be three years. The governor shall be a member of the board by virtue of his office. Such board of control shall annually elect a president from their own number and appoint a secretary and treasurer to hold their offices during the pleasure of the board. Such board of control shall have general management of the station and shall appoint a director to have oversight and management of the experiments and investigations which shall be necessary to accomplish the objects of said institution, and may employ competent and suitable chemists and other persons necessary for carrying on the work of the station. Such board shall have the direction of the expenditure of all moneys appropriated to the institution and annually, on or before the first day of December, make a full report to the commissioner of agriculture of their proceedings, receipts and expenditures, for the year ending with the thirtieth day of September then next preceding. No member shall receive any compensation for his services as such; but shall be paid his necessary traveling expenses and those expenses incurred by him by an actual attendance upon the meeting of such board. The board shall make such rules and regulations, subject to the approval of the commissioner of agriculture, as may from time to time become necessary to carry out the objects of the station. Such experiment station may, with the consent and approval of the commissioner of agriculture, appoint agricultural experts to assist such experiment station, in the second judicial department, in conducting scientific investigations and experiments in agriculture; in disseminating agricultural knowledge by means of lectures or otherwise; and in preparing and printing for free distribution the results of such investigations and experiments, and such other information as may be deemed

desirable and profitable in promoting the agricultural interests of the state. Such experts may be removed by such experiment station, in its discretion, and may be paid for their services such sum as it may deem reasonable and proper and as shall be approved by the commissioner of agriculture. All of such work by such experiment station and by such experts shall be under the general supervision and direction of the commissioner of agriculture.

§ 87. The Cornell university and the agricultural experiment station at Geneva established by the laws of the state are hereby designated as the institutions within this state, entitled to receive such portion as the legislature shall determine of the benefits of the act of the congress of the United States, approved March second, eighteen hundred and eighty-seven, entitled "An act to establish agricultural experiment stations in connection with the colleges established in the several states, under the provisions of an act approved July second, eighteen hundred and sixty-two, and of the acts supplementary thereto." Such benefits of such acts which this state is authorized thereby to apply to any college, institution or agricultural experiment station within this state, are applied to the agricultural experiment station established under the direction of Cornell university and the agricultural experiment station at Geneva, and this state consents that such appropriation, money or benefits to or for the use of this state, or of any institution within this state, payable under or in pursuance of such act of congress, shall be paid nine-tenths thereof to the treasurer of Cornell university, the officer designated to receive the same, and one-tenth thereof to the officers of the agricultural experiment station at Geneva designated to receive the same, to be expended as provided in such act of congress. Such experiment station shall, annually, on or before the first day of December, make, to the commissioner of agriculture, a full and detailed report of its operations, including a statement of its receipts and expenditures for the year ending with the thirtieth day of September then next preceding. Such experiment station may, with the consent and approval of the commissioner of agriculture, appoint horticultural experts to assist such experiment station, in the

fifth judicial department, in conducting investigations and experiments in horticulture; in discovering and remedying the disease of plants, vines and fruit trees; in ascertaining the best means of fertilizing vineyard, fruit and garden plantations, and of making orchards, vineyards and gardens prolific; in disseminating horticultural knowledge by means of lectures or otherwise; and in preparing and printing for free distribution, the results of such investigations and experiments, and such other information as may be deemed desirable and profitable in promoting the horticultural interests of the state. Such experts may be removed by such experiment station, in its discretion, and may be paid for their services such sum as it may deem reasonable and proper, and as shall be approved by the commissioner of agriculture. All of such work by such experiment station and by such experts shall be under the general supervision and direction of the commissioner of agriculture.

§ 2. The treasurer of this state shall keep the account of all moneys hereafter received by him in pursuance of such act of congress, in a separate fund, to the credit of the Cornell university and the agricultural experiment station at Geneva, in the proportion stated in section one of this act, and shall pay all such moneys immediately upon the receipt thereof by him to the officers respectively designated therein to receive the same, upon the warrant of the comptroller, issued upon the order of the trustees of Cornell university and the board of control of the agricultural experiment station at Geneva, in pursuance of said act of congress, which said moneys are hereby appropriated for the purposes herein stated.

§ 3. The sum of eight thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of any money in the treasury not otherwise appropriated, to be paid to the New York State Agricultural Experiment Station, at Geneva, for the purpose of agricultural experiments, investigations, instruction and information, in the second judicial department, pursuant to section eighty-five of the agricultural law, and the sum of eight thousand dollars, or so much thereof as may be necessary, is

hereby appropriated out of any moneys in the treasury, not otherwise appropriated, to be paid to the agricultural experiment station at Cornell university, for the purpose of horticultural experiments, investigations, instruction and information, in the fifth judicial department, pursuant to section eighty-seven of the agricultural law. Such money shall be paid by the treasurer upon the warrant of the comptroller, upon vouchers approved by the commissioner of agriculture.

§ 4. This act shall take effect immediately.

LAWS REPEALED.

LAWS OF	Chapter.	Section.
1887.....	479.....	6.
1891.....	854.....	All.
1892.....	511.....	All.
1893.....	338.....	89.

LAWS OF 1895.

CHAPTER 70.

AN ACT to authorize the commissioner of agriculture to settle and compromise certain claims in favor of the state for violations of sections twenty-six, twenty-seven, twenty-eight and twenty-nine of the agricultural law, relating to the sale or use of oleomargarine, so called.

Became a law March 4, 1895, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The commissioner of agriculture, subject to the approval in writing of the governor and attorney-general, is hereby authorized and empowered to settle, compromise and discharge all actions and causes of actions, or claims arising under the agricultural law since its passage to the passage of this act for any violation of sections twenty-six, twenty-seven, twenty-eight and twenty-nine of the agricultural law relating to the sale or use of oleomargarine, so called.

§ 2. All moneys received pursuant to any such settlement shall be paid by said commissioner into the treasury of the state; and any settlement made pursuant to this act shall be reported by the said commissioner in his next annual report.

§ 3. This act shall take effect immediately.

CHAPTER 134.

AN ACT to amend the agricultural law, in relation to agents appointed by the commissioner of agriculture to investigate the diseases of yellows or black knot.

Became a law March 20, 1895, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section eighty-three of the agricultural law is amended to read as follows:

(Amended by chapter 482 of the Laws of 1898.)

§ 83. Appointment and duties of the agents of the commissioner of agriculture. When the commissioner of agriculture has good reason to believe that any such contagious disease exists, or that there is danger of its introduction, in any town or city in the state, he shall, on the request of the town board of such town or the common council of such city, forthwith appoint a competent freeholder of such town or city as his agent, such freeholder to be recommended by the aforesaid town board or common council who shall within ten days after his appointment, file in the office of the clerk of such town or city his acceptance of the appointment and the constitutional oath of office. Such agent shall not hold office or be entitled to receive compensation for more than thirty days in the same calendar year, unless the supervisor of such town or the mayor of such city shall request an extension of term. If so requested the commissioner of agriculture may extend the term of such agent for the number of additional days, not exceeding thirty, specified in such request, and such agent shall be entitled to compensation accordingly. Such agent shall on or without complaint, whenever it comes to his notice that either of the diseases known as yellows or black knot exists or is supposed to exist within the limits of the town or city, proceed without delay to examine the trees or fruit supposed to be infected, and if the disease is found to exist, a distinguishing mark shall be placed upon the diseased trees. If the disease is the black knot, such distinguishing mark shall be placed on some affected part of the

trees, or if in the judgment of such agent any such trees should be entirely destroyed then the trunk of such tree shall be thoroughly girdled, and thereupon the owner notified personally, or by a written notice signed by such agent and left at his usual place of residence, or if a non-resident, by leaving the notice with the person in charge of the trees or fruit, or in whose possession they may be. Such notice shall contain a statement of all the facts found to exist, with an order to effectually remove and destroy by fire or otherwise the trees or parts of trees so marked and designated, within ten days, Sundays excepted, from the day of the service of the notice. In case of fruit so infected, the notice shall require the person in whose possession or control it is found, to immediately destroy the same or cause it to be done.

§ 2. Every such agent of the commissioner of agriculture in office when this act takes effect shall, if his duties require, continue in office for ten days thereafter when his term shall expire. The commissioner of agriculture shall forthwith notify every such agent, in office when this act takes effect, that his term expires on the tenth day thereafter, but the failure to receive such notice shall not entitle any such agent to receive compensation after the expiration of his term.

§ 3. This act shall take effect immediately.

CHAPTER 230.

AN ACT making an appropriation for horticultural investigations and experiments in the fifth judicial department.

Became a law April 4, 1895, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The sum of sixteen thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of any moneys in the treasury, not otherwise appropriated, to be paid to the agricultural experiment station at Cornell university, for the purpose of horticultural experiments, investigations, instruction and information, in the fifth judicial department, pursuant to

section eighty-seven of the agricultural law. Such moneys shall be paid by the treasurer upon the warrant of the comptroller, on vouchers approved by the commissioner of agriculture.

§ 2. This act shall take effect immediately.

CHAPTER 395.

AN ACT to amend the game law and to repeal chapter three hundred and thirty-two of the laws of eighteen hundred and ninety-three, entitled "An act in relation to the forest preserve and Adirondack park, constituting articles six and seven of chapter forty-three of the general laws."

Became a law April 25, 1895, with the approval of the Governor. Passed, three-fifths being present.

§ 6. The schedule of articles at the beginning of the agricultural law, chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, is hereby amended to read as follows:

CHAPTER XXXIII OF THE GENERAL LAWS.

THE AGRICULTURAL LAW.

- Article 1. General provisions. (§§ 1-12.)
 2. Dairy products. (§§ 20-37.)
 3. Adulterated vinegar. (§§ 50-53.)
 4. Diseases of domestic animals. (§§ 60-71.)
 5. Miscellaneous provisions. (§§ 80-90.)
 6. Laws repealed. (§§ 100-101.)

§ 7. The agricultural law is further amended by adding at the end thereof the following new article:

ARTICLE VI.

(Made article 7 by chapter 500 of the Laws of 1898.)

LAWS REPEALED.

- Section 100. Laws repealed.
 101. When to take effect.
 Schedule of laws repealed.

§ 100. Laws repealed. Of the laws enumerated in the schedule hereto annexed, that portion specified in the last column is repealed.

§ 101. When to take effect. This chapter shall take effect immediately.

SCHEDULE OF LAWS REPEALED.

REVISED STATUTES.		Sections.
Part 1, chapter 17, title 8.		1-4.
LAWS OF	Chapter.	Sections.
1841.	169.	All, except §§ 3 and 6.
1844.	336.	All.
1848.	299.	All, except §§ 3 and 6.
1869.	167.	All.
1878.	184.	All.
1879.	306.	All.
1880.	592.	All.
1881.	300.	All.
1882.	215.	All.
1882.	238.	All.
1882.	246.	All.
1883.	13.	All.
1884.	202.	All.
1884.	418.	All.
1884.	474.	All.
1885.	183.	All, except § 26.
1885.	283.	All.
1885.	127.	All.
1885.	458.	All.
1886.	280.	All.
1886.	577.	All, except that part of § 6 designated as § 24.
1887.	155.	All.
1887.	223.	All.
1887.	403.	All.
1887.	430.	All.
1887.	475.	All.
1887.	562.	All.
1887.	583.	All.
1888.	286.	All.
1888.	298.	All.
1888.	520.	All.
1888.	550.	All.
1889.	24.	All.
1889.	148.	All.
1889.	515.	All.
1889.	538.	All.
1890.	8.	All.
1891.	140.	All.
1891.	354.	1, 2.
1892.	501.	All.
1892.	707.	All.

CHAPTER 587.

AN ACT to amend the agricultural law, relating to the distribution of money appropriated for certain agricultural societies.

Became a law May 9, 1895, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The agricultural law, chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, is hereby amended by inserting therein a new section, eighty-nine, to read as follows:

§ 89. Distribution of money appropriated for certain agricultural societies. Whenever in any year there shall be appropriated the sum of twenty thousand dollars or more for the benefit of the several agricultural societies, clubs or expositions of the State, two thousand dollars of such amount shall be paid to every such society, club or exposition, which shall have held annual fairs or meetings during each of the three years next preceding such appropriation and which shall have paid at each of such annual fairs or meetings, during such three years, the sum of three thousand dollars as premiums for agricultural interests, exclusive of the premiums paid for trials or tests of speed, skill or endurance of man or beast. Such society, club or exposition shall annually before the first day of December in each year file in the office of the commissioner of agriculture a statement, verified by its president and treasurer, showing the payment of such premiums, with the amount and object thereof, together with the name of the persons to whom they were paid. A similarly verified duplicate of such statement shall be filed in the office of the comptroller. There shall at the same time be filed in the office of the comptroller a written offer to the effect that such society, club or exposition will act as the agent of the State for the distribution and payment of the money so appropriated as premiums at its annual fair or meeting for the promotion of agricultural interests, together with a bond executed to the people of the State, signed in

its name by the president and treasurer thereof, in such amount and with such sureties as the comptroller shall approve, conditioned for the faithful performance of its duties as such agent. Any such society, club or exposition receiving such sum of two thousand dollars as herein provided shall not receive any portion of the moneys collected from racing associations or moneys already appropriated for the benefit of county agricultural societies.

§ 2. This act shall take effect immediately.

CHAPTER 598.

AN ACT relating to the State Veterinary College at Cornell University.

Became a law May 10, 1895, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. For the purpose of constructing and equipping suitable buildings for the State Veterinary College at Cornell University, at Ithaca, New York, the sum of one hundred thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of funds not otherwise appropriated, to be paid by the treasurer, upon the warrant of the comptroller, upon vouchers approved by the commissioner of agriculture, to the Cornell University. No part of such moneys shall be expended until plans and specifications for the construction and equipment of such buildings and the location thereof shall have been approved by the commissioner of agriculture, nor until the comptroller shall have certified that, in his judgment, the expenses of the completion and equipment of such buildings, in accordance with such plans and specifications, will not exceed the amount of such appropriation. Such buildings and equipment shall be the property of the state.

§ 2. This act shall take effect immediately.

CHAPTER 807.

AN ACT making appropriations for the support of government.

Became a law May 28, 1895, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The several amounts named in this act are hereby appropriated and authorized to be paid from the several funds indicated, to the respective public officers, and for the several purposes specified, for the fiscal year beginning on the first day of October, in the year eighteen hundred and ninety-five, namely:

FROM THE GENERAL FUND.

* * * * *

For the promotion of agriculture in this State, sixty thousand dollars; twenty thousand dollars thereof shall be distributed in premiums by the New York State Agricultural Society, the remaining forty thousand dollars shall be distributed by the commissioner of agriculture among the American Institute of the city of New York, agricultural societies, fairs, clubs and expositions according to the provisions of the agricultural law, being chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, as amended.

* * * * *

CHAPTER 814.

AN ACT to provide for the erection of a building for the exhibition and preservation of fruit, and for the erection of houses for the accommodation of members of the staff, at the agricultural experiment station at Geneva, Ontario county, and making an appropriation therefor.

Became a law May 29, 1895, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Eight thousand five hundred dollars, or so much

thereof as may be necessary, is hereby appropriated out of any moneys in the hands of the treasurer, not otherwise appropriated, to be paid to the New York State Agricultural Experiment Station at Geneva, Ontario county; one thousand dollars of the said sum to be used for the purpose of erecting a suitable building for the exhibition and preservation of fruit products, and seven thousand five hundred dollars thereof to be used for the purpose of erecting three houses for the use of the members of the official staff of the said experiment station. Such moneys shall be paid by the treasurer, upon the warrant of the comptroller, upon vouchers approved by the commissioner of agriculture.

§ 2. This act shall take effect immediately.

CHAPTER 820.

AN ACT to amend the agricultural law relative to the distribution of funds collected from associations incorporated for the purpose of improving the breed of horses, and making an appropriation in accordance therewith.

Became a law May 29, 1895, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section eighty-eight of the agricultural law, as amended by chapter two hundred and forty-one of the laws of eighteen hundred and ninety-four, is hereby amended to read as follows:

(Amended by section 1 of chapter 221 of the Laws of 1896, section 1 of chapter 589 of the Laws of 1897, and chapter 494 of the Laws of 1898.)

§ 88. Receipts and apportionment of moneys for the promotion of agriculture. Money appropriated for the promotion of agriculture in this state, the distribution of which is not otherwise

provided for by law shall be apportioned and distributed by the commissioner of agriculture among the various county agricultural societies and the American Institute in the City of New York as follows: One-half thereof shall be apportioned and distributed equally and the remainder in proportion to the actual premiums paid during the previous year by such societies and institute, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. All revenues collected by the state comptroller and yet undistributed from the tax collected from racing associations, pursuant to chapter one hundred and ninety-seven of the laws of eighteen hundred and ninety-four, shall constitute a fund which shall be disbursed on behalf of the state for prizes for improving the breed of cattle, sheep and horses at the various fairs throughout the state, as hereinafter prescribed. Twenty-five per centum of the funds so collected shall be disbursed by the commissioner of agriculture among the agricultural societies, clubs or expositions of the state, which have not, previous to the passage of this act, received appropriations from the state as follows: One-third shall be apportioned and distributed equally, and the remainder in proportion to annual premiums paid during the past year by such society. Such sum shall only be paid to societies which have held fairs annually during each of the three years next preceding the passage of this act, and which have paid at their annual meeting or fairs during such three years, not less than one thousand dollars in the aggregate as premiums for agriculture, mechanical and domestic products, exclusive of the premiums paid for trials or tests of speed, skill or endurance of man or beast, and which shall file a statement of the amounts actually paid as such premiums during the past year, duly verified by the president and treasurer, with the commissioner of agriculture and the comptroller on or before the first day of July, eighteen hundred and ninety-five. Seventy-five per centum of such funds shall be disbursed by the commissioner of agriculture among the various county agricultural societies throughout the state, and the American Institute, in the city of New York, as follows: One-half shall

be apportioned and distributed equally, and the remainder in proportion to the actual premiums paid during the previous year by such societies and institute, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. If there is no county agricultural society in any county, or it is not in active operation as such, the money which the county society of such county would be entitled to receive under this article, shall be apportioned among and paid to the several town or other agricultural societies in such county according to the amount of premiums paid, provided such town societies sustain a public fair, with premium-list, which premium-list and reports of such town fairs shall be forwarded and made to the commissioner of agriculture. All revenues, which shall be received by the comptroller, and not distributed as heretofore provided, and all moneys received by him from the tax collected from racing associations pursuant to chapter one hundred and ninety-seven of the laws of eighteen hundred and ninety-four, or hereafter otherwise collected from racing associations, corporations or clubs, shall constitute a fund which shall be annually disbursed on behalf of the state for prizes for improving the breed of cattle, sheep and horses at the various fairs throughout the state as hereinafter prescribed. Thirty per centum of the funds so collected shall be disbursed by the commissioner of agriculture among the agricultural societies, clubs or expositions of the state, which have not, previous to the passage of this act, received appropriations from the state, as follows: One-third shall be apportioned and distributed equally and the remainder in proportion to annual premiums paid during the previous year by such society. Such sums shall only be paid to societies which shall have held fairs annually during each of the three years next preceding the passage of this act, and which shall have paid at their annual meeting or fairs during such three years not less than one thousand dollars in the aggregate as premiums for agricultural, mechanical and domestic products, exclusive of the premiums paid for trials or tests of speed, skill or endurance of man or beast.

Seventy per centum of such funds shall be disbursed by the commissioner of agriculture among the various county agricultural societies throughout the state, and the American Institute, in the city of New York, as follows: One-half shall be apportioned and distributed equally, and the remainder in proportion to the actual premiums paid during the previous years by such societies and institute, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. If there is no county agricultural society in the county, or it is not in active operation as such, the money which the county society of such county would be entitled to receive under this act, shall be apportioned among and paid to the several town or other agricultural societies in such county according to the amount of premiums paid, provided such town societies sustain a public fair, with premium-lists, and reports of such town fairs shall be forwarded and made to the commissioner of agriculture. All societies other than county agricultural societies shall hereafter on or before the first day of December in each year, file a statement in duplicate, duly verified by the president and treasurer, showing the amount of premiums paid at the last annual fair, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast, one of which statements shall be filed in the office of the commissioner of agriculture and the other in the office of the comptroller, and no such society shall be hereafter entitled to receive such appropriations in any year in which the actual amount paid by it as such premiums is less than five hundred dollars.

§ 2. The sum of ninety-five thousand nine hundred and eighty dollars and fifty-four cents, being the sum collected from racing associations in pursuance of chapter four hundred and seventy-nine of the laws of eighteen hundred and eighty-seven, as amended by chapter one hundred and ninety-seven of the laws of eighteen hundred and ninety-four, is hereby appropriated out of any moneys in the treasury not otherwise appropriated, to be distributed in the manner provided by section eighty-eight of the agricultural law, as amended by this act, and in the proportion provided by this act for the distribution of moneys already collected and yet undistributed, as hereinbefore recited. Such

moneys shall be payable by the treasurer on the warrant of the comptroller on the order of the commissioner of agriculture.

§ 3. This act shall take effect immediately.

CHAPTER 821.

AN ACT to amend the executive law, relating to the duties and powers of the attorney-general.

Became a law May 29, 1895, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Subdivisions one and two of section fifty-two of the executive law, is hereby amended to read as follows:

1. Prosecute and defend all actions and proceedings in which the State is interested, and have charge and control of all the legal business of the departments and bureaus of the State, or of any office thereof which requires the services of attorney or counsel, in order to protect the interests of the State, but this section shall not apply to any of the military department bureaus or military offices of the State.

2. Whenever required by the governor, attend in person, or by one of his deputies, a court of oyer and terminer or appear before the grand jury thereof for the purpose of managing and conducting in such court or before such jury such criminal actions or proceedings as shall be specified in such requirement; in which case the attorney-general or his deputy so attending shall exercise all the powers and perform all the duties in respect of such actions or proceedings, which the district attorney would otherwise be authorized or required to exercise or perform; and in any of such actions or proceedings the district attorney shall only exercise such powers and perform such duties as are required of him by the attorney-general or the deputy attorney-general so attending.

§ 2. Section 55 of said executive law is hereby amended to read as follows:

§ 55. Additional counsel. The governor, or attorney-general may designate and employ such additional attorneys or counsel as may be necessary to assist in the transaction of any of the legal business mentioned in section fifty-two of this act and such attorneys or counsel shall be paid from the treasury a reasonable fee upon the certificate of the governor and attorney-general, the amount thereof to be audited and allowed by them or may be paid by the attorney-general out of the costs recovered by him.

§ 3. This act shall take effect immediately.

LAWS OF 1896.

CHAPTER 221.

AN ACT to amend chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," and the acts amendatory thereof, relative to the apportionment of moneys appropriated for the promotion of agriculture.

Became a law April 8, 1896, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section eighty-eight of article five of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, as amended by chapter two hundred and forty-one of the laws of eighteen hundred and ninety-four, as amended by chapter eight hundred and twenty of the laws of eighteen hundred and ninety-five, known as the agricultural law, constituting articles one, two, three, four and five of chapter thirty-three of the general laws, is hereby amended to read as follows:

(Amended by section 1 of chapter 589 of the Laws of 1897, and chapter 494 of the Laws of 1898.)

§ 88. Receipts and apportionment of moneys for the promotion of agriculture. Of all moneys appropriated for the promotion of agriculture in any one year, twenty thousand dollars thereof shall be distributed in premiums by the New York State Agricultural society; two thousand dollars thereof shall be paid to each of the agricultural societies, clubs or exhibitions which shall have held annual fairs or meetings during each of the three years next preceding such appropriation, and which shall have

paid at each of such annual fairs or meetings during such three years the sum of three thousand dollars as premiums for agricultural interests, exclusive of the premiums paid for trials or tests of speed, skill or endurance of man or beast, under the conditions and in the manner provided by section eighty-nine of this chapter. Seventy per centum of the balance of the amount so appropriated shall be apportioned and distributed among the various county agricultural societies and the American Institute in the city of New York; and thirty per centum thereof among the various town and other agricultural societies, clubs or exhibitions, entitled by this section to receive thirty per centum of the moneys received by the comptroller from the tax collected from the racing associations, corporations or clubs of the State. Such apportionment and distribution shall be made by the commissioner of agriculture in the following manner. One-half of the seventy per centum to be apportioned to such county agricultural societies and the American Institute in the city of New York shall be apportioned and distributed equally and the remainder in proportion to the actual premiums paid during the previous year by such societies and institute, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. If there is no county agricultural society in any county or if it is not in active operation as such, then the town society or societies in such county, or other agricultural societies in such county that would otherwise be entitled to share under the thirty per centum distribution referred to in this section, shall share jointly in the distribution of such money on the same basis as they would if they were a county fair, provided such town societies sustain a public fair, with premium list, which premium list and reports of such town fairs shall be forwarded and made to the commissioner of agriculture. Of the thirty per centum to be distributed among the various town and other agricultural societies, clubs or exhibitions, one-third thereof shall be apportioned and distributed equally and the remainder in proportion to the premiums awarded and paid by said society, club or exposition for exhibits made at the annual fair upon the awards or premiums of which they seek a portion of the money

to be distributed, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. No proportion of such amount shall be paid to any such society, club or exhibition in which the actual amount paid by it as such premiums in the year preceding such apportionment, is less than five hundred dollars. All revenues which have been or shall be received by the comptroller, and not distributed as heretofore provided, and all moneys received by him from the tax collected from racing associations pursuant to chapter one hundred and ninety-seven of the laws of eighteen hundred and ninety-four, and chapter five hundred and seventy of the laws of eighteen hundred and ninety-five, and all acts amendatory thereto, or hereafter otherwise collected from racing associations, corporations or clubs, shall constitute a fund which shall be annually disbursed on behalf of the state for prizes for improving the breed of cattle, sheep and horses at the various fairs throughout the state as hereinafter prescribed. Thirty per centum of the funds so collected shall be disbursed by the commissioner of agriculture among the agricultural societies, clubs or exhibitions of the state, which had not previous to May twenty-ninth, eighteen hundred and ninety-five, received appropriations from the state, as follows: One-third shall be apportioned and distributed equally and the remainder in proportion to the premiums awarded and paid by said society, club or exposition for exhibits made at the annual fair upon the awards or premiums of which they seek a portion of the money to be distributed. Such sums shall only be paid to societies now organized and in active operation in counties having a population according to the census of eighteen hundred and ninety-two of over three hundred and twenty-five thousand inhabitants, or which shall have held fairs, annually, during each of the three years prior to May twenty-ninth, eighteen hundred and ninety-five, and which shall have paid, at their annual meeting or fairs during such three years, not less than one thousand dollars in the aggregate as premiums for agricultural, mechanical and domestic products, exclusive of the premiums paid for trials or tests of speed, skill or endurance of man or beast. Seventy per centum of such funds shall be disbursed by the commissioner of agriculture among the various

county agricultural societies throughout the state, and the American Institute, in the city of New York, as follows: One-half shall be apportioned and distributed equally, and the remainder in proportion to the premiums awarded and paid by said society, club or exposition, for exhibits made at the annual fair upon the awards or premiums of which they seek a portion of the money to be distributed, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. If there is no county agricultural society in any county or it is not in active operation as such, then the town society or societies in such county or other agricultural societies in such county that would otherwise be entitled to share under the thirty per centum distribution referred to in this section, shall share jointly in the distribution of such money on the same basis as they would if they were a county fair, provided such town societies sustain a public fair, with premium lists and reports of such town fairs shall be forwarded and made to the commissioner of agriculture. All such societies shall hereafter, on or before the fifteenth day of December in each year, file a statement duly verified by the secretary and treasurer, showing the amount of premiums paid at the last annual fair, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast, which statement shall be filed in the office of the commissioner of agriculture. No such society, other than a county society, shall be hereafter entitled to receive such appropriations in any year in which the actual amount paid by it as such premium is less than five hundred dollars. Any town or other agricultural society in a county in which there is no agricultural society and which, according to the terms of this section receives any portion of the seventy per centum of such funds apportioned to county agricultural societies, shall not receive the portion of the thirty per centum of such funds which they would be otherwise entitled to receive. Any society, club or exposition, except the New York State Agricultural society, receiving the sum of two thousand dollars under the provisions of section eighty-nine of this act, shall not receive any other portion of the money appropriated for the promotion of agriculture.

§ 2. The sum of twenty-seven thousand two hundred and this

teen dollars and fifty-five cents, being the sum collected from racing associations in pursuance of chapter four hundred and seventy-nine of the laws of eighteen hundred and eighty-seven, as amended by chapter one hundred and ninety-seven of the laws of eighteen hundred and ninety-four, and chapter five hundred and seventy of the laws of eighteen hundred and ninety-five, is hereby appropriated out of any moneys in the treasury, not otherwise appropriated, to be distributed in the manner provided by section eighty-eight of the agricultural law, as hereby amended, and in the proportion provided by this act for the distribution of moneys collected as hereinbefore recited. Such money shall be payable by the treasurer on the warrant of the comptroller on the order of the commissioner of agriculture.

§ 3. This act shall take effect immediately.

CHAPTER 948.

AN ACT making appropriations for the support of government.

Became a law May 28, 1896, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The several amounts named in this act are hereby appropriated and authorized to be paid from the several funds indicated to the respective public officers, and for the several purposes specified, for the fiscal year beginning on the first day of October, in the year eighteen hundred and ninety-six, namely:

FROM THE GENERAL FUND.

For the promotion of agriculture in this state, seventy-six thousand dollars; twenty thousand dollars thereof shall be distributed in premiums by the New York State Agricultural society; of the remaining fifty-six thousand dollars there shall be distributed by the commissioner of agriculture among the American

institute of the city of New York, town, county and other agricultural societies, fairs, clubs and expositions, the amount they are entitled thereto by virtue of the provisions of section eighty-nine of the agricultural law; seventy per centum of the said remainder shall be apportioned among the county agricultural societies, fairs or associations, the American institute of the city of New York or to the societies, fairs or associations, entitled thereto in counties where there are no such county agricultural societies, and thirty per centum thereof shall be apportioned to the various town and other agricultural societies, clubs or exhibitions, to be distributed in the manner provided by section eighty-eight of the agricultural law.

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LAWS OF 1897.

CHAPTER 128.

AN ACT making an appropriation for the promotion of agriculture by the college of agriculture of Cornell university.

Became a law March 25, 1897, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. For the promotion of agricultural knowledge throughout the state, the sum of twenty-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of any money in the treasury not otherwise appropriated to be paid to the college of agriculture at Cornell university to be expended in giving instruction throughout the state by means of schools, lectures and other university extension methods, or otherwise, and in conducting investigations and experiments; in discovering the diseases of plants and remedies; in ascertaining the best method of fertilization of fields, gardens and plantations; and best modes of tillage and farm management and improvement of live stock; and in printing leaflets and disseminating agricultural knowledge by means of lectures or otherwise; and in preparing and printing for free distribution the results of such investigations and experiments; and for republishing such bulletins as may be useful in the furtherance of the work; and such other information as may be deemed desirable and profitable in promoting the agricultural interests of the state. Such college of agriculture may, with the consent and approval of the commissioner of agriculture, employ teachers and experts and necessary clerical help to assist in carrying out the purposes of this bill. Such teachers, experts and clerical help may be removed by the college of agriculture in its discretion; and may be paid for their services such sum or sums as may be deemed reasonable and proper and as shall be approved by the commissioner of agriculture. All of such work by such teach-

ers and experts who shall be employed under this bill shall be under the general supervision and direction of the commissioner of agriculture. The sum appropriated by this act shall be paid by the treasurer of the state upon the warrant of the comptroller to the treasurer of the Cornell university, upon such treasurer filing with the comptroller a bond in such sum and with such sureties as the comptroller may approve, conditioned for the faithful application of such sum to the purposes for which the same is hereby appropriated. Such sum shall be payable by the treasurer of Cornell university upon vouchers approved by the officers or agents of such university having charge of such college of agriculture, and such vouchers shall be filed by the treasurer of Cornell university in the office of the comptroller of the state.

§ 2. This act shall take effect immediately.

CHAPTER 306.

AN ACT making appropriations for the support of government.

Became a law April 19, 1897, with the approval of the Governor. Passed by a two-thirds vote.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The several amounts named in this act are hereby appropriated and authorized to be paid from the several funds indicated, to the respective public officers, and for the several purposes specified, for the fiscal year beginning on the first day of October, in the year eighteen hundred and ninety-seven namely:

FROM THE GENERAL FUND.

* * * * *

For the promotion of agriculture in this state, seventy-six thousand dollars; twenty thousand dollars thereof shall be distributed in premiums by the New York state agricultural society; of the remaining fifty-six thousand dollars there shall be distributed by the commissioners of agriculture among the American institute of the city of New York, town, county and other agricultural societies, fairs, clubs and expositions the amount they are entitled thereto by virtue of the provisions of section eighty-nine of the agri-

cultural law; seventy per centum of the said remainder shall be apportioned among the county agricultural societies, fairs or associations, the American institute of the city of New York or to the societies, fairs or associations entitled thereto in counties where there are no such county agricultural societies, and thirty per centum thereof shall be apportioned to the various town and other agricultural societies, clubs or exhibitions, to be distributed in the manner provided by section eighty-eight of the agricultural law.

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CHAPTER 500.

AN ACT to amend the agricultural law, relative to the promotion of sugar beet culture by scientific and practical experiment, and making an appropriation therefor.

Became a law May 18, 1897, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," is hereby amended by inserting after article four, a new article to be known as article five, and to read as follows:

ARTICLE V.

SUGAR BEET CULTURE.

Section 71. Commissioner of agriculture to apportion moneys appropriated for promotion of sugar beet culture.

72. Persons, et cetera, to whom moneys may be apportioned.

73. Statements; inspections, branding of packages.

74. Inspectors, to be appointed by commissioner.

75. Weighman, powers and duties.

76. Apportionment of moneys by commissioners of agriculture.

Section 71. Commissioners of agriculture to apportion moneys appropriated for promotion of sugar beet culture. Money appropriated for the promotion of sugar beet culture by

scientific and practical experiment shall be apportioned by the commissioners of agriculture to the persons, firms, associations or corporations entitled thereto, according to the provisions of this article.

(Amended by section 1 of chapter 303 of the Laws of 1899.)

§ 72. Persons, et cetera, to whom moneys may be distributed. Any person, firm, association or corporation, engaged in the manufacture of sugar from beets grown in the state of New York, upon registration in the office of the commissioner of agriculture, and filing a certificate therein, stating the name of such person, firm, association or corporation, the location of the factory, and the capacity thereof, and the time when the manufacture of sugar began or is to begin, shall be entitled to a distributive share of the amount appropriated for the promotion and encouragement of sugar beet culture, as provided in this article. No such person, firm, association or corporation shall receive any portion of the moneys so appropriated, unless all the beets used in the manufacture of such sugar are grown within the state of New York, and unless the grower received therefor a net sum of not less than five dollars per ton, and provided such beets are not grown by the manufacturer of such sugar. No money shall be distributed to such manufacturers, unless the sugar manufactured by them shall contain at least ninety per centum of crystallized sugar. The commissioner of agriculture may expend such sum or sums as he may deem necessary or expedient, not exceeding ten per centum of the amount appropriated for the purposes of this article, in practical and scientific experiments in growing sugar beets in one or more sections of this state, for the purpose of determining the adaptability of the soil thereof for the production of sugar beets.

§ 73. Statements; inspections, branding of packages. The quantity and quality of sugar upon which said money is to be paid shall be determined by the commissioner of agriculture of this state, with whom all claimants shall, from time to time, file verified statements showing the quantity and quality of sugar manufactured by them, the price paid the producer for beets and upon which said money is claimed. The said commissioner shall,

without unnecessary delay, visit or cause to be visited by such persons as he shall designate in writing, the factory where said sugar has been produced or manufactured, and take such evidence by the sworn testimony of the officers or employes of such factory or others, as to the amount and quality of sugar so manufactured, and the price paid for beets as to him or the person so designated by him shall appear satisfactory and conclusive. The sugar so manufactured shall be placed by the manufacturer in original packages, which shall be examined and branded by the said commissioner or person by him designated, with a suitable brand, showing the quantity and the quality of sugar contained in each of said packages, of which an accurate account shall be kept by said inspector, and filed in the office of the commissioner of agriculture of this state.

§ 74. Inspectors, to be appointed by commissioner. It shall be the duty of the commissioner of agriculture to appoint a resident inspector in each town or city where one or more manufactories of sugar may be located in this state, the aggregate output of which factories shall exceed two thousand pounds of sugar per day, and such examiner shall make such examinations, take such evidence and make such records and reports as is specified in section two of this act. The compensation or fee for such service of said inspector shall not exceed the sum of twenty-five cents for each package so branded, nor the sum of five dollars per day for any one day's service, and such resident inspector shall be required to give a good and sufficient bond in the sum of not less than two thousand dollars to the state of New York, contingent on the faithful performance of his duties, said bond to be approved by the said commissioner of agriculture. Said fees or compensation, together with the cost of said brand and any and all analysis that the said commissioner of agriculture or other authorized inspector shall require to be made, shall be borne and paid by the claimant of said money.

(Amended by section 1 of chapter 101 of the Laws of 1899.)

§ 75. Weighman, powers and duties. It shall be the duty of the commissioner of agriculture to appoint at each sugar manufactory in this state where the output of such manufactory

shall exceed two thousand pounds of sugar per day, a person who shall weigh all beets received by the person or persons, corporation or association operating said manufactory. Such person shall be known as the weighman, and he shall keep accurate record of all duties performed by him. He shall discharge all duties pertaining to his position in an impartial manner, and shall furnish the commissioner of agriculture with a good and sufficient bond in the sum of two thousand dollars for the faithful discharge of his duties as prescribed by this act. The commissioner of agriculture may appoint such person or persons to assist said weighman as the service to be performed may require. Each person so appointed shall give bond as provided by this section. The weighman shall take into his possession, promptly on receipt of beets at such manufactory, such samples of beets as he deems fair and equitable, from which to remove dirt or other dockage. He shall then promptly weigh all beets from which samples have been taken and keep an accurate record of all weights, and all of such records shall show the names of both the seller and the buyer. The weights furnished by said weighman shall be accepted by both the seller and the buyer, and upon such weights so furnished settlement between the seller and the buyer shall be made. The compensation or fee allowed such weighman shall not exceed the sum of five dollars per day for time actually employed and for his assistants a sum not to exceed three dollars per day for the time actually employed. All expenses arising from the duties of said weighman or his assistants, as prescribed by this act, shall be paid by the person or persons, corporation or association operating such manufactory where such expense is incurred.

§ 76. Distribution of moneys by commissioner of agriculture. On or before the first day of February in each year, the commissioner of agriculture shall prepare a detailed statement of the quantity of sugar manufactured by each person, firm or association or corporation entitled to receive a portion of the moneys appropriated for the promotion and encouragement of sugar beet culture. He shall apportion to each such person, firm, association or corporation the moneys so appropriated according to the amount of sugar of the grade described in this article manufac-

tured by each of them, during the preceding year. Not more than one cent a pound shall be paid in any one year on account of the sugar so manufactured. Such commissioner of agriculture shall certify to the comptroller the amount apportioned to each manufacturer of sugar according to the provisions of this article; and the comptroller shall draw his warrant upon the state treasurer for the amount so certified, payable to the party or parties to whom such apportionment was made.

§ 2. Articles five and six of said act are hereby made articles six and seven.

§ 3. The sum of twenty-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of any moneys in the treasury not otherwise appropriated, to be paid in the manner prescribed in this act for the purpose of making effectual the provisions thereof.

§ 4. This act shall take effect immediately.

CHAPTER 554.

AN ACT to amend chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," and the penal code, relative to violations of the agricultural law.

Became a law May 18, 1897, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section thirty-seven of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," is hereby amended so as to read as follows:

(Amended by chapter 558 of the Laws of 1898, and chapter 435 of the Laws of 1899.)

§ 37. Every person violating any of the provisions of this article shall forfeit to the people of the state of New York the sum of

not exceeding one hundred dollars for every such violation. When such violation consists of the manufacture or production of any prohibited article, each day during which or any part of which such manufacture or production is carried on or continued, shall be deemed a separate violation of the provisions of this article. When the violation consists of the sale, or the offering or exposing for sale or exchange of any prohibited article or substance, the sale of each one of several packages shall constitute a separate violation, and each day on which any such article or substance is offered or exposed for sale or exchange, shall constitute a separate violation of this article. When the use of any such article or substance is prohibited, each day during which or any part of which said article or substance is so used or furnished for use, shall constitute a separate violation, and the furnishing of the same for use to each person to whom the same may be furnished shall constitute a separate violation. Whoever by himself or another violates any of the provisions of article two of said chapter, shall be guilty of a misdemeanor, and upon conviction shall be punished by a fine of not less than twenty-five dollars, nor more than two hundred dollars, or by imprisonment of not less than one month nor more than six months or by both such fine and imprisonment, for the first offense; and by six months imprisonment for the second offense; and any person who violates any of the provisions of article three of said chapter, is guilty of a misdemeanor, and shall be punished by a fine of not less than fifty dollars, nor more than one hundred dollars; and in addition thereto shall forfeit to the people of the state of New York, the sum of one hundred dollars for every such violation.

§ 2. Section four hundred and eight-a of the penal code is hereby amended so as to read as follows:

§ 408a. Violations of the agricultural law. Any person who disregards, disobeys or violates any proclamation, notice, order or regulation, lawfully issued or prescribed by the commissioner of agriculture, for the suppression or prevention of the spread of infectious or contagious diseases among domestic animals, or who violates any of the provisions of sections eighty and eighty-two of article five of the agricultural law, is guilty of a misdemeanor.

§ 3. This act shall take effect immediately.

CHAPTER 589.

AN ACT to amend chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "**An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws,**" as amended by chapter two hundred and twenty-one of the laws of eighteen hundred and ninety-six, relative to the apportionment of moneys appropriated for the promotion of agriculture.

Became a law May 19, 1897, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section eighty-eight of article five of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, as amended by chapter two hundred and twenty-one of the laws of eighteen hundred and ninety-six, is hereby amended to read as follows:

(Amended by section 1 of chapter 494 of the Laws of 1898.)

§ 88. Receipts and apportionment of moneys for the promotion of agriculture. Of all moneys appropriated for the promotion of agriculture in any one year, twenty thousand dollars thereof shall be distributed in premiums by the New York State Agricultural Society; two thousand dollars thereof shall be paid to each of the agricultural societies, agricultural clubs, or agricultural expositions which shall have held annual agricultural fairs or meetings during each of the three years next preceding such appropriation, and which shall have paid at each of such annual fairs or meetings during such three years the sum of three thousand dollars as premiums for agricultural interests, exclusive of the premiums paid for trials or tests of speed, skill or endurance of man or beast, under the conditions and in the manner provided by section eighty-nine of this chapter. Seventy per centum of the balance of the amount so appropriated shall be apportioned and distributed among the various county agricultural societies and the American Institute in the city of New York; and thirty per

centum thereof among the various towns and other agricultural societies, agricultural clubs or agricultural expositions entitled by this section to receive thirty per centum of the moneys received by the comptroller from the tax collected from the racing associations, corporations or clubs of the state. Such apportionment and distribution shall be made by the commissioner of agriculture in the following manner. One-half of the seventy per centum to be apportioned to such county agricultural societies and the American Institute in the city of New York shall be apportioned and distributed equally and the remainder in proportion to the actual premiums paid during the previous year by such societies and institute, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. If there is no county agricultural society in any county, or if the county agricultural society is not in active operation as such, then the town society or societies in such county, or other agricultural societies in such county, except the New York State Agricultural Society, that would otherwise be entitled to share under the thirty per centum distribution referred to in this section, shall share jointly in the distribution of such money on the same basis as they would if they were a county agricultural society, provided such societies sustain a public fair with premium list, which premium list and reports of such societies shall be forwarded and made to the commissioner of agriculture. Of the thirty per centum to be distributed among the various town and other agricultural societies, clubs or expositions one-third thereof shall be apportioned and distributed equally and the remainder in proportion to the premiums awarded and paid by said society, club or exposition for exhibits made at the annual fair upon the awards or premiums of which they seek a portion of the money to be distributed, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. No proportion of such amount shall be paid to any such society, club or exposition in which the actual amount paid by it as such premiums in the year preceding such apportionment, is less than five hundred dollars. All revenues which have been or shall be received by the comptroller, and not distributed as heretofore provided, and all moneys received by him from the tax collected from racing associa-

tions pursuant to chapter one hundred and ninety-seven of the laws of eighteen hundred and ninety-four, and chapter five hundred and seventy of the laws of eighteen hundred and ninety-five, and all acts amendatory thereto, or hereafter otherwise collected from racing associations, corporations or clubs, shall constitute a fund, which shall be annually disbursed on behalf of the state for prizes for improving the breed of cattle, sheep and horses at the various fairs throughout the state as hereinafter prescribed. Thirty per centum of the funds so collected shall be disbursed by the commissioner of agriculture among the agricultural societies, agricultural clubs or agricultural expositions of the state, which had not previous to May twenty-ninth, eighteen hundred and ninety-five, received appropriations from the state, as follows: One-third shall be apportioned and distributed equally and the remainder in proportion to the premiums awarded and paid by said society, club or exposition for exhibits made at the annual fairs upon the awards or premiums of which they seek a portion of the money to be distributed, such sums shall only be paid to such societies which have received appropriations from the state previous to the passage of this act, and are now duly organized under the laws of the state of New York, and in active operation in counties having a population according to the census of eighteen hundred and ninety-two of over three hundred and twenty-five thousand inhabitants, or which shall have held fairs, annually, during each of the three years prior to May twenty-ninth, eighteen hundred and ninety-five, and which shall have paid, at their annual meetings or fairs during such three years, not less than one thousand dollars in the aggregate as premiums for agriculture, mechanical and domestic products, exclusive of the premiums paid for trials or tests of speed, skill or endurance of man or beast, and which shall have filed their report with the commissioner of agriculture, on or before July first, eighteen hundred and ninety-five, as heretofore provided in chapter eight hundred and twenty of the laws of eighteen hundred and ninety-five. Seventy per centum of such funds shall be disbursed by the commissioner of agriculture among the various county agricultural societies throughout the state, and the American Institute, in the city of New York, as follows: One-half shall be apportioned and distributed equally, and the remainder in proportion to the pre-

miums awarded and paid by said society, club or exposition, for exhibits made at the annual fair upon the awards or premiums of which they seek a portion of the money to be distributed, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. If there is no county agricultural society in any county, or if the county agricultural society is not in active operation as such, then the town society or societies in such county, or other agricultural societies in such county, except the New York State Agricultural Society, that would otherwise be entitled to share under the thirty per centum distribution referred to in this section, shall share jointly in the distribution of such money on the same basis as they would if they were a county agricultural society, provided such societies sustain a public fair, with premium list and reports of such societies shall be forwarded and made to the commissioner of agriculture. All agricultural societies, agricultural clubs or agricultural expositions entitled to receive any portion of the moneys appropriated by the state must hereafter, on or before the fifteenth day of December, in each year, file a statement, duly verified by the secretary and treasurer, showing the amount of premiums paid at the last annual fair, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast, which statement shall be filed in the office of the commissioner of agriculture, otherwise such society, club or exposition shall forfeit its right to participate in the distribution of such moneys for premiums paid for such year. No proportion of such moneys shall be paid to any such society, club or exposition in which the actual amount paid by it as such premiums in the year preceding such apportionment, is less than five hundred dollars. Any town or other agricultural society in a county in which there is no county agricultural society in active operation and which, according to the terms of this section receives any portion of the seventy per centum of such funds apportioned to county agricultural societies, shall not receive any portion of the thirty per centum of such funds. Any such society, club or exposition, receiving the sum of two thousand dollars under the provisions of section eighty-nine of this act, shall not receive any other portion of the money appropriated for the promotion of agriculture. Any such agricultural society, agri-

cultural club, agricultural exposition, or agricultural fair association, organized under the laws of the State of New York, which shall fail or neglect to hold annual fairs and file their annual reports, as provided by this law, with the commissioner of agriculture for two consecutive years, shall forfeit all of their chartered rights, including any privileges or moneys they might thereafter otherwise be entitled to under this act.

§ 2. The sum of fifty thousand dollars of the amount collected and due from racing associations in pursuance of chapter four hundred and seventy-nine of the laws of eighteen hundred and eighty-seven as amended by chapter one hundred and ninety-seven of the laws of eighteen hundred and ninety-four, and chapter five hundred and seventy of the laws of eighteen hundred and ninety-five and all acts amendatory thereof or supplementary thereto is hereby appropriated out of any moneys in the treasury so collected at the time of the distribution thereof as provided herein. Such sum shall be distributed in the manner provided by section eighty-eight of the agricultural law, as amended, and in the proportion provided therein for the distribution of such moneys, and shall be payable by the treasurer on the warrant of the comptroller on the order of the commissioner of agriculture.

§ 3. All acts and parts of acts inconsistent with the provisions of this act are hereby repealed.

§ 4. This act shall take effect immediately.

CHAPTER 767.

AN ACT providing for horticultural investigations, experiments, instruction and information, and for the dissemination of horticultural knowledge in the second judicial department, at the agricultural station at Geneva, in the county of Ontario, and making an appropriation therefor.

Became a law May 22, 1897, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The sum of eight thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of any moneys in

the treasury not otherwise appropriated, for the purpose of conducting horticultural investigations, experiments, instruction and information, and to disseminate horticultural knowledge in the second judicial department, to be paid to the New York state agricultural experiment station at Geneva, county of Ontario, as provided for in and pursuant to section eighty-five of the agricultural law. Such money hereby appropriated shall be paid by the treasurer on the warrant of the comptroller, upon vouchers approved by the commissioner of agriculture.

§ 2. This act shall take effect immediately.

CHAPTER 768.

AN ACT to amend chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws."

Became a law May 22, 1897, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section twenty-six of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," is hereby amended so as to read as follows:

§ 25. Manufacture and sale of imitation butter prohibited. No person by himself, his agents or employes, shall produce or manufacture out of or from any animal fats or animal or vegetable oils not produced from unadulterated milk or cream from the same, the article known as oleomargarine or any article or product in imitation or semblance of natural butter produced from pure, unadulterated milk or cream of the same; or mix, compound with or add to milk, cream or butter any acids or other deleterious substance or any animal fats or animal or vegetable oils not produced from milk or cream, so as to produce any article or substance or any human food in imitation or in semblance of natural butter, nor

sell, keep for sale or offer for sale any article, substance, or compound made, manufactured or produced in violation of the provisions of this section, whether such article, substance or compound shall be made or produced in this state or elsewhere. Any dealer in any article or product, the manufacture or sale of which is prohibited by this act, who shall keep, store or display such article or product, with other merchandise or stock in his place of business, shall be deemed to have the same in his possession for sale.

§ 2. This act shall take effect immediately.

CHAPTER 790.

AN ACT making appropriations for certain expenses of government and supplying deficiencies in former appropriations.

Became a law May 24, 1897, with the approval of the Governor. Passed by a two-thirds vote.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The treasurer shall pay on the warrant of the comptroller, from the several funds specified, to the persons and for the objects indicated in this act. the amounts named or such parts of those amounts as shall be sufficient to accomplish, in full, the purposes designated by the appropriations, but no warrants shall be issued, except in cases of salaries, until the amounts claimed shall have been audited and allowed by the comptroller, who is hereby authorized to determine the same. The persons demanding payment shall present to him a detailed statement, in items, verified by affidavit; and if the account shall be for services it must show when, where and under what authority they were rendered; if for expenditures, when, where and under what authority they were made; if for articles furnished, when and where they were furnished, to whom they were delivered, and under what authority; and if the demand be for traveling expenses, the account must also specify the distance traveled, the place of starting and destination, the duty or business and the date and items of expenditure. On all accounts for transportation, fur-

niture, blank and other books furnished for the use of officers, binding, blanks, printing, stationery and postage, a bill duly certified must be furnished; but whenever an appropriation shall have been provided otherwise, the sum herein directed to be paid shall not be considered as an addition to such other appropriation unless it shall be expressly so declared in this act.

* * * * *

For the promotion of agriculture, the sum of ten thousand dollars, to be distributed by the commissioner of agriculture as provided in section eighty-eight of the agricultural law.

* * * * *

LAWS OF 1898.

CHAPTER 110.

AN ACT to amend subdivision three of section thirty-two hundred and twenty-eight of the code of civil procedure, relating to the recovery of costs on judgments under fifty dollars.

Became a law March 21, 1898, with the approval of the Governor. **Passed**, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Subdivision three of section thirty-two hundred and twenty-eight of the code of civil procedure is hereby amended so as to read as follows:

3. An action specified in subdivision first, third, fourth or fifth of section twenty-eight hundred and sixty-three of this act. But if, in an action to recover damages for an assault, battery, false imprisonment, libel, slander, criminal conversation, seduction, or malicious prosecution; or a fine or penalty in which the people of the state are a party, the plaintiff recovers less than fifty dollars damages, the amount of his cost can not exceed the damages.

§ 2. This act shall take effect September first, eighteen hundred and ninety-eight.

CHAPTER 113.

AN ACT to amend the agricultural law, to prevent fraud in the sale of paris green.

Became a law March 23, 1898, with the approval of the Governor. **Passed**, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four,

and five of chapter thirty-three of the general laws," is hereby amended by adding a new article to be known as article eight and to read as follows:

ARTICLE VIII.

Section 110. State manufacturer and the dealer in original packages to file certificate with commissioner of agriculture.

111. Certificate to be given by commissioner of agriculture to state manufacturer and dealer in original packages.

112. Composition of paris green.

113. Paris green to be analyzed at experiment station.

• 114. Penalty for violations.

Section 110. State manufacturer and the dealer in original packages to file certificate with commissioner of agriculture. After the passage of this act it shall be the duty of each and every manufacturer of paris green within this state, and of every dealer in original packages of paris green manufactured outside of this state, before the said paris green is offered or exposed for sale or sold within this state, to submit to the commissioner of agriculture a written or printed statement setting forth: first, the brands of paris green to be sold, the number of pounds contained in each package in which it is put upon the market for sale, the name or names of the manufacturers and the place of manufacturing the same; second, the statement shall set forth the amount of arsenic which the said paris green contains, and the statement so furnished shall be considered as constituting a guarantee to the purchaser that every package of such paris green contains not less than the amount of arsenic set forth in the statement.

§ 111. Certificate to be given by the commissioner of agriculture to state manufacturer and dealer in original packages. Every purchaser of paris green in original packages, which is manufactured outside of this state, who intends to sell or expose the same for sale, and every manufacturer of paris green within this state shall, after filing the statement above provided for, with the commissioner of agriculture, receive from the said commissioner of agriculture, a certificate stating that he has complied with the foregoing statement, which certificate shall be furnished without any charge therefor; said certificate when furnished shall authorize the party receiving the same to deal in

this state in paris green. Any person who fails to file the statement aforesaid shall not be entitled to such certificate and shall not be entitled to deal in paris green within this state; nothing in this section shall be construed as applying to retail dealers.

§ 112. Composition of paris green or analogous products. Paris green, or any product analogous to it, when sold, offered or exposed for sale, as such, in this state, shall contain at least fifty per centum of arsenious oxide.

§ 113 Paris green to be analyzed at experiment station. The director of the New York state agricultural experiment station, at Geneva, shall, under the direction of the commissioner of agriculture, examine, or cause to be examined, the different brands of paris green sold, offered or exposed for sale, within the state, and cause samples of the same to be analyzed, and shall report the result of the analysis forthwith to the commissioner of agriculture.

§ 114 Penalty for violations. Any person or persons, firm, association, company or corporation violating any of the provisions of this act, shall be guilty of a misdemeanor, and shall be fined not less than fifty dollars nor more than two hundred dollars; and in addition thereto shall forfeit and pay unto the people of the state of New York the sum of one hundred dollars, together with the costs of the suit in an action caused to be brought by the commissioner of agriculture in the name of the people of the state of New York, as provided by section eight of the agricultural law.

§ 2. This act shall take effect immediately.

CHAPTER 153.

AN ACT to amend the agricultural law, in relation to receptacles for butter.

Became a law March 29, 1898, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section thirty-two of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three

entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," is hereby amended so as read as follows:

§ 32. No person, firm, association or corporation buying or receiving milk, not produced from the dairy of such person, firm, association or corporation, for the purpose of selling the same for consumption as such, or for manufacturing the same into butter, cheese, condensed milk or other human food, shall keep the same in utensils, cans, vessels, room or rooms, building or buildings, that are unclean or that have unsanitary surroundings or drainage, or in any condition whatsoever that would tend to produce or promote conditions favorable to unhealthfulness or disease. The commissioner of agriculture shall notify all persons, firms, associations or corporations violating this section, to clean said utensils, cans, vessels, room or rooms, building or buildings, or to so improve the sanitary conditions that the law will not be violated, and if such notice is complied with in ten days time, Sundays excepted, then no action shall lie for a violation of this section. The provisions of this act shall not apply to cities of the first class.

§ 2. This act shall take effect immediately.

CHAPTER 191.

AN ACT making an appropriation to continue the promotion of sugar beet culture, in accordance with the provisions of chapter five hundred of the laws of eighteen hundred and ninety-seven.

Became a law March 31, 1898, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The sum of fifty thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of any moneys in the treasury not otherwise appropriated, to be paid in the manner prescribed by chapter five hundred of the laws of eigh-

teen hundred and ninety-seven. Of such amount the commissioner of agriculture may expend such sum or sums as he may deem necessary or expedient, not exceeding twenty-five hundred dollars, in practical and scientific experiments in growing sugar beets in one or more sections of this state and for the purpose of determining the adaptability of the soil for the productions of such beets. This appropriation is made by the legislature in continuation of the policy adopted at the session of eighteen hundred and ninety-seven, in the faith and with the declared purpose of making direct appropriations from the state for a successive period of not less than five years from said first appropriation, in aid of the permanent establishment of the beet sugar industry in New York.

§ 2. This act shall take effect immediately.

CHAPTER 194.

AN ACT to amend chapter three hundred thirty-eight, laws of eighteen hundred ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," relative to maple sugar and syrup.

Became a law March 31, 1898, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section ninety-one of chapter three hundred thirty-eight, laws of eighteen hundred ninety-three, is hereby amended so as to read as follows:

§ 91. (1) No person shall manufacture for sale, keep for sale, or offer or expose for sale, any sugar in imitation or semblance of maple sugar which is not pure maple sugar, nor any syrup in imitation or semblance of maple syrup, which is not pure maple syrup, nor shall any person manufacture, offer or expose for sale any sugar as and for maple sugar which is not pure maple sugar, nor any syrup as and for maple syrup which is not pure maple syrup.

(2) For the purpose of this act the term "maple sugar" shall be deemed to mean sugar made from pure maple sap or pure maple syrup, and the term "maple syrup" shall be deemed to mean syrup made from pure maple sap.

§ 2. The following section is hereby added to chapter three hundred thirty-eight, laws of eighteen hundred ninety-three, and shall be known as section ninety-two.

§ 92. No person shall manufacture, sell or expose for sale, any compound or mixture as and for sugar which shall be made up of maple sugar mixed with any other sugar or any other substance without branding or labeling the said sugar with a statement giving the ingredients of which it is made up. No person shall manufacture, sell, expose for sale, or offer for sale any compound or mixture as syrup which shall be made up of maple syrup mixed with any other syrup or ingredient without branding or labeling said syrup with a statement giving the ingredients of which it is made up. This shall not be construed to apply to a syrup or syrups manufactured and sold for medicinal purposes only.

§ 3. This act shall take effect immediately.

CHAPTER 412.

AN ACT to prevent the adulteration of and deception in the sale of linseed or flaxseed oil.

Became a law April 22, 1898, with the approval of the Governor. Passed, a majority being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. No person, firm or corporation shall manufacture or mix for sale, sell, or offer for sale, under the name of raw linseed oil, any article which is not wholly the product of commercially pure linseed or flaxseed. Nor shall any person, firm or corporation manufacture or mix for sale, sell, or offer for sale, under the name of boiled linseed oil, any article, unless the oil

from which said article is made be wholly the product of commercially pure linseed or flaxseed, and unless the same has been heated to at least two hundred and twenty-five degrees Fahrenheit.

2. Nothing in this act shall be construed as prohibiting the sale or manufacture of any compound of linseed or flaxseed oil; provided, that such compound, if it imitates in appearance and is designed to take the place of linseed or flaxseed oil, shall not be manufactured or mixed for sale, sold or offered for sale, under a name or description containing the words "linseed oil" or "flaxseed oil."

3. Any person, firm or corporation who shall violate any of the provisions of this act, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished, for each and every such violation, with a fine of not less than fifty dollars nor more than five hundred dollars; and in default of the payment of such fine shall be committed to the county jail for a period of not less than thirty days.

4. It shall be the duty of the commissioner of agriculture to enforce the provisions of this act. The said commissioner and his assistants, experts and chemists, and other appointed by him, shall have access, ingress and egress to and from all places of business and buildings where linseed or flaxseed oil is kept for sale or stored. They shall also have the power and authority to open any tank, barrel, can or other vessel containing such oil, and may inspect the contents thereof, and take samples therefrom for analysis.

5. Any person, firm or corporation who shall violate any of the provisions of this act shall, in addition to the fines herein previously described, for each offense forfeit and pay a fixed penalty of one hundred dollars. Such penalty shall be recovered, with costs, in any court of the state having jurisdiction thereof, in an action to be prosecuted in the name of the people, by the commissioner of agriculture, or any of his assistants, and shall be devoted to the payment of the expenses of the department of said commissioner. In any action commenced in the supreme court for the recovery of such penalties, an application may be made

on the part of the plaintiff to said court or any justice thereof for an injunction to restrain the defendant, his agents, servants and employes, from the further violation of this act during the pendency of the action, and it shall be the duty of such court or justice to grant the injunction, in the same manner as injunctions are usually granted under the rules and practice of such court, upon proof by affidavits that the defendant has been guilty of such violation, either before or after the commencement of the action. In case the plaintiff shall recover judgment for the penalty or penalties demanded in the complaint, the judgment shall contain a permanent injunction, restraining the defendant, his agents, servants and employes, from any further violation of the section or sections on which the recovery is obtained.

6. This act shall take effect immediately.

CHAPTER 428.

AN ACT making an appropriation of moneys collected and due from racing associations for the promotion of agriculture.

Became a law April 22, 1898, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The sum of fifty-five thousand dollars of the amount collected and due from racing associations in pursuance of chapter four hundred and seventy-nine of the laws of eighteen hundred and eighty-seven, as amended by chapter one hundred and ninety-seven of the laws of eighteen hundred and ninety-four, and chapter five hundred and seventy of the laws of eighteen hundred and ninety-five, and all acts amendatory thereof or supplementary thereto is hereby appropriated out of any moneys in the treasury so collected at the time of the distribution thereof as provided herein. Such sum shall be distributed in the manner provided by section eighty-eight of the agricultural law, as amended, and in the proportion provided therein for the distribution of such moneys, and shall be

payable by the treasurer on the warrant of the comptroller on the order of the commissioner of agriculture.

§ 2. This act shall take effect immediately.

CHAPTER 482.

AN ACT to amend section eighty-two, section eighty-three as amended by chapter one hundred thirty-four of the laws of eighteen hundred ninety-five, and to repeal section eighty-four of chapter three hundred and thirty-eight of the laws of eighteen hundred ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four, five, six and seven of chapter thirty-three of the general laws," relative to the prevention of disease in fruit trees and the pests that infect the same.

Became a law April 22, 1898, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section eighty-two of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three is hereby amended so as to read as follows:

§ 82. The prevention of disease in fruit trees and the extirpation of insect pests that infect the same. No person shall knowingly or willfully keep any peach, almond, apricot, or nectarine tree affected with the contagious disease known as yellows. Nor shall any person knowingly or willfully keep any plum, cherry or other trees infected with the contagious disease or fungus, known as black knot, nor any tree, shrub or plant infested with or by the San Jose scale or other insect pest dangerously injurious to or destructive of the trees, shrub or other plant. Every such tree, shrub and plant shall be a public nuisance, and no damage shall be awarded for entering upon premises and destroying such trees if infected with yellows or infested with San José scale or for cutting away the diseased part of any tree affected

with black knot or altogether destroying such tree if necessary to suppress such disease, if done in accordance with the provisions of this article, except as otherwise herein provided. Every person when he becomes aware of the existence of such disease or insect pest in any tree owned by him shall forthwith report the same to the commissioner of agriculture at Albany, New York, requesting said commissioner to take such action as the law provides.

§ 2. Section eighty-three of said chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, as amended by chapter one hundred and thirty-four of the laws of eighteen hundred and ninety-five, are hereby amended so as to read as follows:

§ 83. Appointment and duties of the agent of the commissioner of agriculture. When the commissioner of agriculture knows or has reason to believe that any such contagious disease exists, or that there is good reason to believe that it exists, or danger is justly apprehended of its introduction in any town or city in the state, or that any injurious insect pest exists within this state, and has reason to believe that danger may be justly apprehended from its existence, he shall forthwith send some competent person and such agent or agents as he may deem necessary to assist in extirpating said pest or pests, disease or diseases, and the said commissioner of agriculture is hereby authorized and empowered to take such steps and do whatever may be deemed necessary to so control or prevent the spread or extirpate said pest or pests, disease or diseases, and he shall, unless previously inspected by a federal officer the same year, cause an examination to be made at least once each year prior to September first of each and every nursery or other place where trees, shrubs or plants, commonly known as nursery stock, are grown for sale for the purpose of ascertaining whether the trees, shrubs or plants therein kept or propagated for sale are infected with any such contagious disease or diseases, or infested with such pest or pests. If after such examination it is found that the said trees, shrubs or other plants so examined are free in all respects from any such contagious or infectious disease, or diseases, dan-

gerously injurious, pest or pests, the said commissioner, or his duly authorized agent or other person designated to make such examination shall thereupon issue to the owner or proprietor of the said stock thus examined a certificate setting forth the fact of the examination and that the stock so examined is apparently free from any and all such disease or diseases, pest or pests. Should any nurseryman, agent, dealer or broker send out or deliver within the state, trees, vines, shrubs, plants, buds or cuttings, commonly known as nursery stock, and which are subject to the attacks of the insects and diseases above provided for, unless he has in his possession a copy of said certificate; dated within a year thereof; deface or destroy said certificate; or wrongfully be in possession of said certificate, he shall be guilty of a misdemeanor. All nursery stock shipped by freight, express or other transportation companies, shall be accompanied by a copy of said certificate attached to each car, box, bale or package. Any person shipping nursery stock as above, without such certificate attached shall be guilty of a misdemeanor. A certificate issued by an official of the United States, setting forth the fact that the nursery stock is free from any and all such disease or diseases, pest or pests, shall be accepted in lieu of state inspection. If in the judgment of the said commissioner of agriculture or the person or persons representing him, the trees, shrubs or other plants should be entirely destroyed, then such destruction shall be carried on and completed under the supervision of the commissioner of agriculture, or the person or persons duly appointed by him, without unnecessary delay, but the owner of the trees shall be notified immediately, upon its being determined that they must be destroyed, by a written notice signed by such commissioner, or the person representing him and left at his usual place of residence, or if not a resident of the town by leaving the notice with the person in charge of the premises, trees or fruit or in whose possession they may be. Such notice shall contain a brief statement of the facts found to exist, whereby it is deemed necessary to destroy said trees, shrubs or other plants, and shall call attention to the law under which it is proposed to destroy them. In case of objection to the findings of the inspector or agent of

the commissioner of agriculture, an appeal shall be made to said commissioner, whose decision shall be final; an appeal must be taken within three days from service of said notice, and shall act as a stay of proceedings until it is heard and decided. When the commissioner of agriculture or the person or persons appointed by him shall be determined that any tree or trees, shrubs or other plants must be treated or destroyed, forthwith he may employ all necessary assistants for that purpose, and such person or persons, agent or agents, employee or employees may enter any or all premises in any town or city necessary for the purpose of such treatment, removal or destruction.

§ 3. Section eighty-four of said chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three is hereby repealed.

§ 4. The provisions of this act shall not apply to florists' green house plants, flowers and cuttings, commonly known as green-house stock.

§ 5. This act shall take effect June first, eighteen hundred and ninety-eight.

CHAPTER 491.

AN ACT to amend chapter three hundred and thirty-eight, laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five, of chapter thirty-three of the general laws," in relation to sale and transportation of calves.

Became a law April 22, 1898, with the approval of the Governor.
Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Chapter three hundred and thirty-eight, laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four, five, six and seven of chapter thirty-three of the general laws," is hereby amended by adding the following sections, to be known as section seventy-one, seventy-two and seventy-three.

§ 71. No person shall slaughter, for the purpose of selling the same for food, or expose for sale or sell within this state, or bring or cause to be brought into any city, town or village within this state for food any calf or carcass of the same, or any part thereof except the hide, unless it is in good, healthy condition and was at least four weeks of age at the time of killing. Any person or persons duly authorized by the commissioner of agriculture, may examine any calf or veal found within this state offered or exposed for sale, or kept with intent to sell as food, and if such calf is under four weeks of age, or the veal is from a calf killed under four weeks of age, or from a calf in an unhealthy condition when so killed, he may seize the same and cause it to be destroyed or disposed of in such manner as to make it impossible to be thereafter used as food.

§ 72. On and after the passage of this act it shall be unlawful for any corporation, partnership, person or persons to ship to or from any part of this state any carcass or carcasses of a calf or calves or any part of such carcass except the hide, unless they shall attach to every carcass or part thereof so shipped in a conspicuous place a tag, that shall stay thereon during such transportation, stating the name or names of the person or persons who raised the calf, the name of the shipper, the points of shipping and the destination and the age of the calf.

§ 73. On and after the passage of this act, no railroad company, express company, steamboat company, or other common carrier, shall carry or receive for transportation any carcass or carcasses of calves, or any part of the same except the hide, unless the said carcass or carcasses or parts thereof shall be tagged as herein provided.

§ 2. This act shall take effect immediately.

CHAPTER 494.

AN ACT to amend chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five, of chapter thirty-three of the general laws," relative to distribution of moneys to agricultural societies.

Became a law April 22, 1898, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section eighty-eight of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, as amended by chapter five hundred and eighty-nine, of the laws of eighteen hundred and ninety-seven, is hereby amended so as to read as follows:

§ 88. Receipts and apportionment of moneys for the promotion of agriculture. Of all moneys appropriated for the promotion of agriculture in any one year, twenty thousand dollars thereof shall be distributed in premiums by the New York State Agricultural Society; two thousand dollars thereof shall be paid to each of the agricultural societies, agricultural clubs, or agricultural expositions which shall have held annual agricultural fairs or meetings during each of the three years next preceding such appropriation, and which shall have paid at each of such annual fairs or meetings during such three years the sum of three thousand dollars as premiums for agricultural interests, exclusive of the premiums paid for trials or tests of speed, skill or endurance by man or beast, under the conditions and in the manner provided by section eighty-nine of this chapter. Seventy per centum of the balance of the amount so appropriated shall be apportioned and distributed among the various county agricultural societies and the American Institute in The City of New York; and thirty per centum thereof among the various towns and other agricultural societies, agricultural clubs or agricultural expositions entitled by this section to receive thirty per centum of the moneys received by the comptroller from the tax collected from the racing associations, cor-

porations or clubs of the state. Such apportionment and distribution shall be made by the commissioner of agriculture in the following manner: One-half of the seventy per centum to be apportioned to such county agricultural societies and the American Institute in The City of New York shall be apportioned and distributed equally and the remainder in proportion to the actual premiums paid during the previous year by such societies and institute, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. If there is no county agricultural society in any county, or if the county agricultural society is not in active operation as such, then the town society or societies in such county, or other agricultural societies in such county, except the New York State Agricultural Society, that would otherwise be entitled to share under the thirty per centum distribution referred to in this section, shall share jointly in the distribution of such money on the same basis as they would if they were a county agricultural society, provided such societies sustain a public fair with premium list, which premium list and reports of such societies shall be forwarded and made to the commissioner of agriculture. Of the thirty per centum to be distributed among the various town and other agricultural societies, clubs or expositions one-third thereof shall be apportioned and distributed equally and the remainder in proportion to the premiums awarded and paid by said society, club or exposition for exhibits made at the annual fair upon the awards or premiums of which they seek a portion of the money to be distributed, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. No proportion of such amount shall be paid to any such society, club or exposition in which the actual amount paid by it as such premiums in the year preceding such apportionment, is less than five hundred dollars. All revenues which have been or shall be received by the comptroller, and not distributed as heretofore provided, and all moneys received by him from the tax collected from racing associations pursuant to chapter one hundred and ninety-seven of the laws of eighteen hundred and ninety-four, and chapter five hundred and seventy of the laws of eighteen hundred and ninety-five, and all acts amendatory thereto, or hereafter otherwise collected

from racing associations, corporations or clubs, shall constitute a fund, which shall be annually disbursed on behalf of the state for prizes for improving the breed of cattle, sheep and horses at the various fairs throughout the state as hereinafter prescribed. Thirty per centum of the funds so collected shall be disbursed by the commissioner of agriculture among the agricultural societies, agricultural clubs or agricultural expositions of the state, which had not, previous to May twenty-ninth, eighteen hundred and ninety-five, received appropriations from the state, other than appropriations that they received from the fund to be distributed to county societies from the fact that there was no county society in existence or in active operation within that county, as follows: One-third shall be apportioned and distributed equally and the remainder in proportion to the premiums awarded and paid by said society, club or exposition for exhibits made at the annual fairs upon the awards or premiums of which they seek a portion of the money to be distributed, such sums shall only be paid to such societies which have received appropriations from the state previous to the passage of this act, and are now duly organized under the laws of the state of New York, and in active operation in counties having a population according to the census of eighteen hundred and ninety-two of over three hundred and twenty-five thousand inhabitants, or which shall have held fairs, annually, during each of the three years prior to May twenty-ninth, eighteen hundred and ninety-five, and which shall have paid, at their annual meetings or fairs during such three years, not less than one thousand dollars in the aggregate as premiums for agriculture, mechanical, and domestic products, exclusive of the premiums paid for trials or tests of speed, skill or endurance of man or beast, and which shall have filed their report with the commissioner of agriculture, on or before July first, eighteen hundred and ninety-five, as heretofore provided in chapter eight hundred and twenty of the laws of eighteen hundred and ninety-five. Seventy per centum of such funds shall be disbursed by the commissioner of agriculture among the various county agricultural societies throughout the state, and the American Institute, in The City of

New York, as follows: One-half shall be apportioned and distributed equally, and the remainder in proportion to the premiums awarded and paid by said society, club or exposition, for exhibits made at the annual fair upon the awards or premiums of which they seek a portion of the money to be distributed, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast. If there is no county agricultural society in any county, or if the county agricultural society is not in active operation as such, then the town society or societies in such county, or other agricultural societies in such county, except the New York State Agricultural Society, that would otherwise be entitled to share under the thirty per centum distribution referred to in this section, shall share jointly in the distribution of such money on the same basis as they would if they were a county agricultural society, provided such societies sustain a public fair, with premium list and reports of such societies shall be forwarded and made to the commissioner of agriculture. All agricultural societies, agricultural clubs or agricultural expositions entitled to receive any portion of the moneys appropriated by the state must hereafter, on or before the fifteenth day of December in each year, file a statement, duly verified by the secretary and treasurer, showing the amount of premiums paid at the last annual fair, exclusive of premiums paid for trials or tests of speed, skill or endurance of man or beast, which statement shall be filed in the office of the commissioner of agriculture, otherwise such society, club or exposition shall forfeit its right to participate in the distribution of such moneys for premiums paid for such year. No proportion of such moneys shall be paid to any such society, club or exposition in which the actual amount paid by it as such premiums in the year preceding such apportionment, is less than five hundred dollars. Any town or other agricultural society in a county in which there is no county agricultural society in active operation and which, according to the terms of this section receives any portion of the seventy per centum of such funds apportioned to county agricultural societies, shall not receive any portion of the thirty per centum of such funds. Any such society, club or exposition, receiving the sum of

two thousand dollars under the provisions of section eighty-nine of this act, shall not receive any other portion of the money appropriated for the promotion of agriculture. Any such agricultural society, agricultural club, agricultural exposition, or agricultural fair association, organized under the laws of the state of New York, which shall fail or neglect to hold annual fairs and file their annual reports as provided by this law, with the commissioner of agriculture for two consecutive years, shall forfeit all of their chartered rights, including any privileges or moneys they might thereafter otherwise be entitled to under this act.

§ 2. This act shall take effect immediately.

CHAPTER 557.

AN ACT to amend the agricultural law, relative to the inspection of dairy products.

Became a law April 26, 1898, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section twelve of article one of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," and known as the agricultural law, is hereby amended to read as follows:

§ 12. Inspection, how conducted. When the commissioner of agriculture, an assistant commissioner, or any person or officer authorized by the commissioner, or by this chapter, to examine or inspect any product manufactured or offered for sale shall in discharge of his duties take samples of such product, he shall before taking a sample, request the person delivering the milk or who has charge of it at the time of inspection, to thoroughly stir or mix the said milk before the sample is taken. If the person so in charge refuses to stir or mix the milk as requested,

then the person so requesting shall himself so stir and mix the milk before taking the sample, and the defendant shall thereafter be precluded from introducing evidence to show that the milk so taken was not a fair sample of the milk delivered, sold, offered or exposed for sale by him. The person taking the sample of milk for analysis shall take duplicate samples thereof in the presence of at least one witness, and he shall in the presence of such witness seal both of such samples, and shall tender, and, if accepted, deliver at the time of taking one sample to the manufacturer or vendor of such product, or to the person having custody of the same, with a statement in writing of the cause of the taking of the sample. In taking samples of milk for analysis at a creamery, factory, platform or other place where the same is delivered by the producer for manufacture, sale or shipment, or from a milk vendor who produces the milk which he sells, with a view of prosecuting the producer of such milk for delivering, selling or offering for sale adulterated milk, the said commissioner of agriculture or assistant, or his agent or agents, shall within ten days thereafter, with the consent of the said producer, take a sample in a like manner of the mixed milk of the herd of cows from which the milk first sampled was drawn and shall deliver the duplicate sample to the said producer and shall cause the sample taken by himself or his agent to be analyzed. If the sample of milk last taken by the commissioner of agriculture or his agent or agents shall upon analysis prove to contain no higher percentage of milk solids, or no higher percentage of fat than as the sample taken at the creamery, factory, platform or other place, then no action shall lie against the said producer for violation of subdivisions one, two, three, seven and eight of section twenty of the agricultural law. In taking a second sample as above set forth from the mixed milk of the herd, it shall be the duty of the commissioner of agriculture to have an assistant, agent or agents present during the entire time in which the said cattle are being milked to observe closely so as to be sure that the milk thus to be sampled is not adulterated and to see that it is thoroughly mixed so that the sample taken shall be a fair sample of the

average quality of the mixed milk of the entire dairy or herd of cows of said producer. If, however, the said producer refuses to allow such examination of the milk produced by his dairy then he shall be precluded from offering any evidence whatever tending to show that the milk delivered by him at the said creamery, factory, platform or other place was just as it came from the cow. If the said producer does permit such examination the commissioner of agriculture shall, upon receiving application therefor, send to said producer a copy of the analysis of each of the samples of milk so taken and analyzed as above provided.

§ 2. This act shall take effect immediately.

CHAPTER 558.

AN ACT to amend the agricultural law, in relation to penalties. Became a law April 26, 1898, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section thirty-seven of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," as amended by chapter five hundred and fifty-four of the laws of eighteen hundred and ninety-seven, is hereby amended to read as follows:

(Amended by chapter 435 of the Laws of 1899.)

§ 37. Penalties. Every person violating any of the provisions of article two and three shall forfeit to the people of the state of New York a sum not less than twenty-five dollars nor more than one hundred dollars for every such violation. When such violation consists of the manufacture or production of any prohibited article, each day during which or any part of which such manufacture or production is carried on or continued, shall be deemed a separate violation of the provisions of this article. When the violation consists of the sale, or the offering or expos-

ing for sale or exchange of any prohibited article or substance, the sale of each one of several packages shall constitute a separate violation, and each day on which any such article or substance is offered or exposed for sale or exchange, shall constitute a separate violation of this article. When the use of any such article or substance is prohibited, each day during which or any part of which said article or substance is so used or furnished for use, shall constitute a separate violation, and the furnishing of the same for use to each person to whom the same may be furnished shall constitute a separate violation. Whoever by himself or another violates any of the provisions of articles two and three of said chapter, shall be guilty of a misdemeanor, and upon conviction shall be punished by a fine of not less than twenty-five dollars, nor more than two hundred dollars, or by imprisonment of not less than one month nor more than six months or by both such fine and imprisonment, for the first offense; and by six months' imprisonment for the second offense.

§ 2. This act shall take effect immediately.

CHAPTER 559.

AN ACT to amend chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," relative to branding cheese.

Became a law April 26, 1898, with the approval of the Governor. Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section thirty-three of chapter three hundred thirty-eight, of the laws of eighteen hundred ninety-three, is hereby amended so as to read as follows:

§ 33. **Manufacturer's brand of cheese.** Every manufacturer of full-milk cheese may put a brand upon each cheese indicating "full-milk cheese," and the date of the month and year when made; and no person shall use such a brand upon any cheese

made from milk from which any of the cream has been taken. The commissioner of agriculture shall procure and issue to the cheese manufacturers of the state, on proper application therefor, and under such regulations as to the custody and use thereof as he may prescribe, a uniform stencil brand, bearing a suitable device or motto, and the words, "New York state full-cream cheese." Every such brand shall be used upon the outside of the cheese and shall bear a different number for each separate factory. The commissioner shall keep a book, in which shall be registered the name, location and number of each manufactory using the brand, and the name or names of the persons at each manufactory authorized to use the same. No such brand shall be used upon any other than full-cream cheese or packages containing the same.

§ 2. This act shall take effect immediately.

CHAPTER 593.

AN ACT making appropriations for the support of the government. Became a law April 27, 1898, with the approval of the Governor. Passed by a two-thirds vote.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The several amounts named in this act are hereby appropriated and authorized to be paid from the several funds indicated, to the respective public officers, and for the several purposes specified, for the fiscal year beginning on the first day of October, in the year eighteen hundred and ninety-eight, namely:

FROM THE GENERAL FUND.

* * * * *

For the promotion of agriculture in this state, eighty-six thousand dollars; twenty thousand dollars thereof shall be distributed in premiums by the New York state agricultural society; of the remaining sixty-six thousand dollars there shall be distributed by the commissioners of agriculture among the American Institute of

the city of New York, town, county and other agricultural societies, fairs, clubs and expositions the amount they are entitled thereto by virtue of the provisions of section eighty-nine of the agricultural law; seventy per centum of the said remainder shall be apportioned among the county agricultural societies, fairs or associations, the American Institute of the city of New York or to the societies, fairs or associations entitled thereto in counties where there are no such county agricultural societies, and thirty per centum thereof shall be apportioned to the various town and other agricultural societies, clubs or exhibitions, to be distributed in the manner provided by section eighty-eight of the agricultural law.

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LAWS OF 1899.

CHAPTER 13.

AN ACT making an appropriation to continue the promotion of sugar beet culture, in accordance with the provisions of chapter five hundred of the laws of eighteen hundred and ninety-seven.

Became a law February 23, 1899, with the approval of the Governor.
Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The sum of thirty thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of any moneys in the treasury not otherwise appropriated, to be paid in the manner prescribed by chapter five hundred of the laws of eighteen hundred and ninety-seven. Of such amount the commissioner of agriculture may expend such sum or sums as he may deem necessary or expedient, not exceeding the sum of two thousand five hundred dollars in promoting, by instruction or otherwise, and encouraging the proper and economic cultivation of sugar beets. This appropriation is made by the legislature in continuation of the policy adopted at the session of eighteen hundred ninety-seven in the faith and with the declared purpose of making direct appropriations from the state for a successive period of not less than five years from said first appropriation, in aid of the permanent establishment of the beet sugar industry in this state.

§ 2. This act shall take effect immediately.

CHAPTER 101.

AN ACT to amend the agricultural law, relative to the weighing of sugar beets.

Became a law March 17, 1899, with the approval of the Governor.
Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section seventy-five of the agricultural law, as amended by chapter five hundred of the laws of eighteen hundred and ninety-seven, is hereby amended to read as follows:

§ 75. **Weighman, powers and duties.** It shall be the duty of the commissioner of agriculture to appoint at each sugar manufactory in this state where the output of such manufactory shall exceed two thousand pounds of sugar per day, a person who shall weigh all beets received by the person or persons, corporation or association operating said manufactory. Such person shall be known as the weighman, and he shall keep accurate record of all duties performed by him. He shall discharge all duties pertaining to his position in an impartial manner, and shall furnish the commissioner of agriculture with a good and sufficient bond in the sum of two thousand dollars for the faithful discharge of his duties as prescribed by this act. The commissioner of agriculture may appoint such person or persons to assist said weighman as the service to be performed may require. Each person so appointed shall give bond as provided by this section. The weighman shall take into his possession, promptly on receipt of beets at such manufactory, such samples of beets as he deems fair and equitable, from which to remove dirt or other dockage. He shall then promptly weigh all beets from which samples have been taken and keep an accurate record of all weights, and all of such records shall show the names of both the seller and the buyer. The weights furnished by said weighman shall be accepted by both the seller and the buyer, and upon such weight so furnished settlement between the seller and the buyer shall be made. The compensation or fee allowed such weighman shall not exceed the sum of five dollars per day for time actually employed and for his assistants a sum not to exceed three dollars per day for the time actually employed. All expenses arising from the duties of said weighman or his assistants, as prescribed by this act, shall be paid by the person or persons, corporation or association oper-

ating such manufactory where such expense is incurred. The foregoing provisions of this section as to weighing shall not apply to such beets as are weighed by agreement of the buyer and seller at the station of shipment, but the weighing in such cases shall be done by persons appointed by the commissioner of agriculture and the expense of such weighing shall be borne as provided in this act.

§ 2. This act shall take effect immediately.

CHAPTER 149.

AN ACT to amend the agricultural law, in relation to process butter and the use of preservatives in dairy products.

Became a law March 27, 1899, with the approval of the Governor.
Passed, a majority being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section twenty-seven of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," is hereby amended so as to read as follows:

§ 27. **Manufacture or mixing of animal fats with milk, cream or butter prohibited.** No person shall manufacture, mix or compound with or add to natural milk, cream or butter any animal fats or animal or vegetable oils, nor make or manufacture any oleaginous substance not produced from milk or cream, with intent to sell the same as butter or cheese made from unadulterated milk or cream or have the same in his possession with such intent; nor shall any person solicit or take orders for the same or offer the same for sale, nor shall any such article or substance or compound so made or produced, be sold as and for butter or cheese, the product of the dairy. No person shall coat, powder or color with annatto or any coloring matter whatever, butterine or oleomargarine or any compound of the same or any product or manufacture made in whole or in part from animal fats or animal or vegetable oils not produced from unadulterated milk or cream by means of which such product, manufacture or compound shall

resemble butter or cheese, the product of the dairy; nor shall he have the same in his possession with intent to sell the same nor shall he sell or offer to sell the same. No person by himself, his agents or employes, shall manufacture, sell, offer or expose for sale, butter that is produced by taking original packing stock or other butter or both and melting the same, so that the butter fat can be drawn off, then mixing the said butter fat with skimmed milk or milk or cream or other milk product and rechurning the said mixture, or that is produced by any similar process and is commonly known as boiled or process butter, unless he shall plainly brand or mark the package or tub or wrapper in which the same is put up in a conspicuous place with the words "renovated butter." If the same shall be put up, sold, offered or exposed for sale in prints or rolls, then the said prints or rolls shall be labeled plainly with printed letters in a conspicuous place on the wrapper with the words "renovated butter." If the same is packed in tubs or boxes or pails or other kind of a case or package the words "renovated butter" shall be printed on the top and side of the same in letters, at least, one inch in length, so as to be plainly seen by the purchaser. If such butter is exposed for sale, uncovered, not in a package or case, a placard containing the label so printed shall be attached to the mass of butter in such manner as to easily be seen and read by the purchaser. No person shall sell, offer or expose for sale, any butter or other dairy product containing a preservative, but this shall not be construed to prohibit the use of salt in butter or cheese, or spirituous liquors in club or other fancy cheese or sugar in condensed milk.

§ 2. This act shall take effect immediately.

CHAPTER 218.

AN ACT making an appropriation of moneys collected and due from racing associations for the promotion of agriculture.

Became a law April 1, 1899, with the approval of the Governor.

Passed, by a two-thirds vote.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The sum of ninety-eight thousand dollars of the amount collected and due from racing associations in pursuance of chapter four hundred and seventy-nine of the laws of eighteen

hundred and eighty-seven, as amended by chapter one hundred and ninety-seven of the laws of eighteen hundred and ninety-four, and chapter five hundred and seventy of the laws of eighteen hundred and ninety-five, and all acts amendatory thereof or supplementary thereto is hereby appropriated out of any moneys in the treasury so collected at the time of the distribution thereof as provided herein. Such sum shall be distributed in the manner provided by section eighty-eight of the agricultural law, as amended by chapter four hundred and ninety-four of the laws of eighteen hundred and ninety-eight, and in the proportion provided therein for the distribution of such moneys, and shall be payable by the treasurer on the warrant of the comptroller on the order of the commissioner of agriculture.

§ 2. This act shall take effect immediately.

CHAPTER 223.

AN ACT to amend chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four, five, six, seven and eight of the general laws," relative to prevention of diseases among bees.

Became a law April 3, 1899, with the approval of the Governor.
Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section eighty of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, is hereby amended so as to read as follows:

§ 80. **The prevention of diseases among bees.** No person shall keep in his apiary any colony of bees affected with a contagious malady known as foul brood and every bee-keeper, when he becomes aware of the existence of such disease among his bees, shall immediately notify the commissioner of agriculture of the existence of such disease.

§ 2. Section eighty-one of said act is hereby amended so as to read as follows:

§ 81. **Duties of the commissioner.** The commissioner of agriculture shall immediately upon receiving notice of the existence of foul brood among bees in any locality, send some competent person or persons to examine the apiary or apiaries reported to him as being affected, and all the other apiaries in the immediate locality of the apiary or apiaries so reported; if foul brood is found to exist in them, the person or persons so sent by the commissioner of agriculture shall give the owners or caretakers of the diseased apiary or apiaries full instructions how to treat said cases. The commissioner of agriculture shall cause said apiary or apiaries to be visited from time to time as he may deem best and if, after proper treatment, the said bees shall not be cured of the disease known as foul brood, then he may cause the same to be destroyed in such manner as may be necessary to prevent the spread of the said disease. For the purpose of enforcing this act, the commissioner of agriculture, his agents, employes, appointees or counsel, shall have access, ingress and egress to all places where bees or honey or appliances used in apiaries may be, which it is believed are in any way affected with the said disease of foul brood. No owner or caretaker of a diseased apiary, honey or appliances shall sell, barter or give away any bees, honey or appliances from said diseased apiary, or expose other bees to the danger of said disease, nor refuse to allow the said commissioner of agriculture, or the person or persons appointed by him to inspect said apiary, honey or appliances, and do such things as the said commissioner of agriculture or the person or persons appointed by him shall deem necessary for the eradication of said disease of foul brood. Any person who disregards or violates any of the provisions of this section is guilty of a misdemeanor, and shall be punished by a fine of not less than thirty dollars nor more than one hundred dollars, or by imprisonment in the county jail for not less than one month nor more than two months, or by both fine and imprisonment.

§ 3. This act shall take effect immediately.

CHAPTER 303.

AN ACT to amend the agricultural law relative to the promotion of sugar beet culture.

Became a law April 13, 1899, with the approval of the Governor.

Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section seventy-two of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," as added thereto by chapter five hundred of the laws of eighteen hundred and ninety-seven, is hereby amended so as to read as follows:

§ 72. **Persons, et cetera, to whom moneys may be distributed.** Any person, firm, association or corporation, engaged in the manufacture of sugar from beets grown in the state of New York, upon registration in the office of the commissioner of agriculture, and filing a certificate therein, stating the name of such person, firm, association or corporation, the location of the factory, and the capacity thereof, and the time when the manufacture of sugar began or is to begin, shall be entitled to a distributive share of the amount appropriated for the promotion and encouragement of sugar beet culture, as provided in this article. No such person, firm, association or corporation shall receive any portion of the moneys so appropriated, unless all the beets used in the manufacture of such sugar are grown within the state of New York, and unless the grower received therefor a net sum of not less than five dollars per ton, to be delivered at such point as may be agreed upon by the grower and the manufacturer, and provided such beets are not grown by the manufacturer of such sugar. No money shall be distributed to such manufacturers, unless the sugar manufactured by them shall contain at least ninety per centum of crystallized sugar. The commissioner of agriculture may expend such sum or sums as he may deem necessary or expedient, not exceeding ten per centum of the amount appropriated for the purposes of this article, in practical and scientific experiments in growing sugar beets in one or more sections of this state, for the purpose of determining the adaptability of the soil thereof for the production of sugar beets.

§ 2. This act shall take effect immediately, and shall apply to all moneys appropriated by the provisions of chapter one hundred and ninety-one of the laws of eighteen hundred and ninety-eight and not heretofore distributed.

CHAPTER 435.

AN ACT to amend chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five, constituting chapter thirty-three of the general laws," relative to penalties.

Became a law April 25, 1899, with the approval of the Governor.
Passed, a majority being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section thirty-seven of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, as amended by chapter five hundred and fifty four of the laws of eighteen hundred and ninety-seven, as amended by chapter five hundred and fifty-eight of the laws of eighteen hundred and ninety-eight, is hereby amended so as to read as follows:

§ 37. **Penalties.** Every person violating any of the provisions of articles two and three and sections ninety-one and ninety-two of the agricultural law and chapter four hundred and ninety-one of the laws of eighteen hundred and ninety-eight, shall forfeit to the people of the state of New York a sum not less than twenty-five dollars nor more than one hundred dollars for every such violation. When such violation consists of the manufacture or production of any prohibited article, each day during which or any part of which such manufacture or production is carried on or continued, shall be deemed a separate violation of the provisions of this article. When the violation consists of the sale, or the offering or exposing for sale or exchange of any prohibited article or substance, the sale of each one of several packages shall constitute a separate violation, and each day on which any such article or substance is offered or exposed for sale or exchange, shall constitute a separate violation of this article. When the use of any such article or substance is prohibited, each day during which or any part of which said article or substance is so used or furnished for use, shall constitute a separate violation, and the

furnishing of the same for use to each person to whom the same may be furnished shall constitute a separate violation. Whoever by himself or another violates any of the provisions of articles two and three and sections ninety-one and ninety-two of the agricultural law shall be guilty of a misdemeanor, and upon conviction shall be punished by a fine of not less than twenty-five dollars, nor more than two hundred dollars, or by imprisonment of not less than one month nor more than six months or by both such fine and imprisonment, for the first offense; and by six months' imprisonment for the second offense.

§ 2. This act shall take effect immediately.

CHAPTER 510.

AN ACT to amend the agricultural law, regulating the sale and analysis of concentrated feeding stuffs.

Became a law May 3, 1899, with the approval of the Governor.
Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," is hereby amended by adding at the end thereof a new article to be known as article nine, and to read as follows:

ARTICLE IX.

SALE AND ANALYSIS OF CONCENTRATED COMMERCIAL FEEDING STUFFS.

- Section 120. Term "concentrated commercial feeding stuffs" defined.
121. Statements to be attached to packages; contents; analysis.
122. Statements to be filed with director of agricultural experiment station; to be accompanied by sample.
123. License fee.
124. Analysis to be made by director of experiment station; samples to be taken for analysis.
125. Penalty for violation of article.
126. Sale of adulterated meal or ground grains; penalty.
127. Violation to be reported to the commissioner of agriculture.

§ 120. Term "concentrated commercial feeding stuffs" defined
The term "concentrated commercial feeding stuff" as used in this article, shall include linseed meals, cottonseed meals, peameals, cocoanut meals, gluten meals, gluten feeds, maize feeds, starch feeds, sugar feeds, dried brewer's grains, malt sprouts, hominy feeds, cerealine feeds, rice meals, oat feeds, corn and oat chops, ground beef or fish scraps, mixed feeds, and all other materials of similar nature; but shall not include hays and straws, the whole seeds nor the unmixed meals made directly from the entire grains of wheat, rye, barley, oats, Indian corn, buckwheat, and broom corn. Neither shall it include wheat, rye and buckwheat brans or middlings, not mixed with other substances, but sold separately, as distinct articles of commerce, nor pure grains ground together.

§ 121. Statements to be attached to packages; contents; analysis. Every manufacturer, company or person who shall sell, offer or expose for sale or for distribution in this state any concentrated commercial feeding stuff, used for feeding farm live stock, shall furnish with each car or other amount shipped in bulk and shall affix to every package of such feeding stuff in a conspicuous place on the outside thereof, a plainly printed statement clearly and truly certifying the number of net pounds in the package sold or offered for sale, the name or trade mark under which the article is sold, the name of the manufacturer or shipper, the place of manufacture, the place of business and a chemical analysis stating the percentages it contains of crude protein, allowing one per centum of nitrogen to equal six and one-fourth per centum of protein, and of crude fat, both constituents to be determined by the methods prescribed by the director of the New York Agricultural Experiment Station. Whenever any feeding stuff is sold at retail in bulk or in packages belonging to the purchaser, the agent or dealer, upon request of the purchaser shall furnish to him the certified statement named in this section.

§ 122. Statements to be filed with director of agricultural experiment station; to be accompanied by sample. Before any manufacturer, company or person shall sell, offer or expose for sale in this state any concentrated commercial feeding stuffs, he or they shall for each and every feeding stuff bearing a distinguishing name or trade mark, file annually during the month of December with the director of the New York Agricultural Experiment Sta-

tion a certified copy of the statement specified in the preceding section, said certified copy to be accompanied, when the director shall so request, by a sealed glass jar or bottle containing at least one pound of the feeding stuff to be sold or offered for sale, and the company or person furnishing said sample shall thereupon make affidavit that said sample corresponds within reasonable limits to the feeding stuff which it represents, in the percentage of protein and fat which it contains.

§ 123. **License fee.** Each manufacturer, importer, agent or seller of any concentrated commercial feeding stuffs, shall pay annually during the month of December to the treasurer of the New York Agricultural Experiment Station a license fee of twenty-five dollars. Whenever a manufacturer, importer, agent or seller of concentrated commercial feeding stuffs desires at any time to sell such material and has not paid the license fee therefor in the preceding month of December, as required by this section, he shall pay the license fee prescribed herein before making any such sale. The amount of license fees received by such treasurer pursuant to the provisions of this section shall be paid by him to the treasurer of the state of New York. The treasurer of the state of New York shall pay from such amount when duly appropriated the moneys required for the expense incurred in making such inspection required by this section and enforcing the provisions thereof. The board of control of the New York Agricultural Experiment Station shall report annually to the legislature the amount received pursuant to this article, and the expense incurred for salaries, laboratory expenses, chemical supplies, traveling expenses, printing and other necessary matters. Whenever the manufacturer, importer or shipper of concentrated commercial feeding stuff shall have filed the statement required by section one hundred and twenty-one of this article and paid the license fee as prescribed in this section, no agent or seller of such manufacturer, importer or shipper shall be required to file such statement or pay such fee.

§ 124. **Analysis to be made by director of experiment station ; samples to be taken for analysis.** The director of the New York experiment station shall annually analyze, or cause to be analyzed, at least one sample to be taken in the manner hereinafter prescribed, of every concentrated commercial feeding stuff sold or offered for sale under the provisions of this act. Said director shall cause a sample to be taken, not exceeding two pounds in

weight, for said analysis, from any lot or package of such commercial feeding stuff which may be in the possession of any manufacturer, importer, agent or dealer in this state; but said sample shall be drawn in the presence of the parties in interest, or their representatives and taken from a parcel or a number of packages, which shall not be less than ten per centum of the whole lot sampled, and shall be thoroughly mixed, and then divided into equal samples, and placed in glass vessels, and carefully sealed and a label placed on each, stating the name of the party from whose stock the sample was drawn and the time and place of drawing, and said label shall also be signed by the person taking the sample, and by the party or parties in interest or their representative at the drawing and sealing of said samples; one of said duplicate samples shall be retained by the director and the other by the party whose stock was sampled; and the sample or samples retained by the director shall be for comparison with the certified statement named in section one hundred and twenty-two of this article. The result of the analysis of the sample or samples so procured, together with such additional information as circumstances advise, shall be published in reports or bulletins from time to time.

§ 125. Penalty for violation of action. Any manufacturer, importer, or person who shall sell, offer or expose for sale or for distribution in this state any concentrated commercial feeding stuff, without complying with the requirements of this article, or any feeding stuff which contains substantially a smaller percentage of constituents than are certified to be contained, shall, on conviction in a court of competent jurisdiction, be fined not more than one hundred dollars for the first offense, and not more than two hundred dollars for each subsequent offense.

§ 126. Adulterated meal or ground grain, penalty. Any person who shall adulterate any kind of meal or ground grain with milling or manufacturing offals, or any other substance whatever, for the purpose of sale, unless the true composition, mixture or adulteration thereof is plainly marked or indicated upon the package containing the same or in which it is offered for sale; or any person who knowingly sells, or offers for sale any meal or ground grain which has been so adulterated unless the true composition, mixture or adulteration is plainly marked or indicated upon the package containing the same, or in which it is offered for sale, shall be fined not less than twenty-five or more than one hundred dollars for each offense.

§ 127. Violation to be reported to the commissioner of agriculture. Whenever the director becomes cognizant of the violation of any of the provisions of this article, he shall report such violation to the commissioner of agriculture, and said commissioner of agriculture shall prosecute the party or parties thus reported; but it shall be the duty of said commissioner upon thus ascertaining any violation of this article, to forthwith notify the manufacturer, importer or dealer in writing and give him not less than thirty days thereafter in which to comply with the requirements of this article, but there shall be no prosecution in relation to the quality of any concentrated commercial stuff if the same shall be found substantially equivalent to the certified statement named in section one hundred and twenty-two of this article.

§ 2. This act shall take effect December first, eighteen hundred and ninety-nine.

CHAPTER 518.

AN ACT to amend the agricultural law, relating to the manufacture and use of coloring matter in food products.

Became a law May 4, 1899, with the approval of the Governor.
Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Article two of chapter three hundred and thirty-eight of the laws of eighteen hundred and ninety-three, entitled "An act in relation to agriculture, constituting articles one, two, three, four and five of chapter thirty-three of the general laws," is hereby amended by inserting therein a new section to be known as section twenty-nine-a, and to read as follows:

§ 29a. No person or persons shall manufacture, sell or expose for sale any poisonous coloring matter for the coloring of food products of any kind, nor shall any person or persons use any poisonous coloring matter manufactured, sold, offered or exposed for sale within this state; nor shall any person or persons sell, offer or expose for sale any food product containing such poisonous coloring matter. The state board of health shall cause samples of coloring matter that are exposed for sale upon the market for use in food products to be analyzed and report the results of such analysis to the legislature at the next session.

§ 2. This act shall take effect immediately.

CHAPTER 570.

AN ACT making appropriations for the support of government.
 Became a law May 12, 1890, with the approval of the Governor.
 Passed, by a two-thirds vote.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The several amounts named in this act are hereby appropriated and authorized to be paid from the several funds indicated, to the respective public officers, and for the several purposes specified, for the fiscal year beginning on the first day of October, in the year eighteen hundred and ninety-nine namely:

FROM THE GENERAL FUND.

* * * * * * * * * *

For the promotion of agriculture in this state, eighty-six thousand dollars; twenty thousand dollars thereof shall be distributed in premiums by the New York State Agricultural Society; of the remaining sixty-six thousand dollars there shall be distributed by the commissioners of agriculture among the American Institute of the city of New York, town, county, and other agricultural societies, fairs, clubs and expositions the amount they are entitled to by virtue of the provisions of section eighty-nine of the agricultural law; seventy per centum of the said remainder shall be apportioned among the county agricultural societies, fairs or associations, the American Institute of the city of New York or to the societies, fairs or associations entitled thereto in counties where there are no such county agricultural societies, and thirty per centum thereof shall be apportioned to the various town and other agricultural societies, clubs or exhibitions, to be distributed in the manner provided by section eighty-eight of the agricultural law, but the comptroller shall not draw a warrant for any part of said eighty-six thousand dollars, payable to or for the benefit of any association, club, society or fair, until a sworn statement by the president and secretary thereof has been filed with the comptroller showing the exact amount paid during the preceding year for dividends on capital stock and for salaries of officers. The amount paid for dividends on capital stock shall be deducted from the amount that would otherwise be payable to such society under this appropriation.

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MISCELLANEOUS LAWS, 1899.

CHAPTER 198.

AN ACT authorizing the Orange County Agricultural Society to hold real and personal property, and to issue stock to raise money for the use of the society.

Became a law April 1, 1899, with the approval of the Governor.
Passed, a majority being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The Orange County Agricultural Society which was heretofore incorporated under and pursuant to the provisions of chapter four hundred and twenty-five of the laws of eighteen hundred and fifty-five, is hereby authorized to take and hold for the use and accommodation of said society, real and personal property of the value of not more than fifteen thousand dollars, and not less than five thousand dollars.

§ 2. A majority of the officers of the said society present and voting at any regular or special meeting of said society, may cause books to be opened for the subscription of capital stock of said society, at such time and place, and in such manner as they deem best. The capital stock of such society to be subscribed for under this section shall not exceed fifteen thousand dollars, and shall not be less than five thousand dollars, and shall be divided into shares of ten dollars each, shall be issued at not less than par value, and shall be paid in cash by the subscribers thereto at the time of such subscription, and the moneys so raised shall be used for the purposes of said society. And any person owning one or more of said shares of stock shall be a member and stockholder of said society, and have one vote for each share of the stock so owned by him at any meeting of said society. Dividends may be made from the earnings of said society and paid to the owners of said stock to the amount of eight per centum per annum, but no dividend shall be made when the society is in debt. The stockholders shall not be liable to any assessment for the debts of the society.

§ 3. This act shall take effect immediately.

CHAPTER 292.

AN ACT to amend section eleven of the membership corporation law, entitled "An act relative to membership corporations."

Became a law April 10, 1899, with the approval of the Governor.

Passed, a majority being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. That section eleven of the corporation law, entitled "An act relative to membership corporations," be and the said section eleven is hereby amended so as to read as follows:

§ 11. The directors of every membership corporation, except a corporation for the prevention of cruelty to children or animals, and a corporation for promoting or maintaining the principles of a political party, created under or by a general or special law, shall present at its annual meeting a report, verified by the president and treasurer, or by a majority of the directors, showing the whole amount of real and personal property owned by it, where located, and where and how invested, the amount and nature of the property acquired during the year immediately preceding the date of the report and the manner of the acquisition; the amount applied, appropriated or expended during the year immediately preceding such date, and the purposes, objects or persons to or for which such applications, appropriations or expenditures have been made; and the names and places of residence of the persons who have been admitted to membership in the corporation during such year, which report shall be filed with the records of the corporation and an abstract thereof entered in the minutes of the proceedings of the annual meeting. The directors of every membership corporation, except a society for the prevention of cruelty to children or animals, a corporation for the promotion of agriculture and which holds annual agricultural fairs, and a corporation formed for promoting or maintaining the principles of a political party, shall be jointly and severally liable for any debt of the corporation contracted while they are directors, payable within one year or less from the date it was contracted, if an action for the collection thereof be brought against the corporation within one year after the debt becomes due, and an execution issued therein to the county where its office is, or where a certificate of its incorporation is filed, be returned wholly or partly unsatisfied; and if the action against the directors to recover the

amount unsatisfied be commenced within one year after the return of such execution; provided, however, that no director of a corporation formed for promoting or maintaining the principles of a political party shall be liable for any such debt unless the contracting of the same shall have been specifically authorized by the board of directors at a meeting thereof, and assented to thereat by the directors sought to be charged therewith.

§ 2. This act shall take effect immediately.

CHAPTER 317.

AN ACT to amend the domestic commerce law, in relation to the size of apple, pear, quince and potato barrels.

Became a law April 17, 1899, with the approval of the Governor.

Passed, a majority being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section nine of chapter three hundred and seventy-six of the laws of eighteen hundred and ninety-six, entitled "An act relating to domestic commerce law, constituting chapter thirty-four of the general laws," is hereby amended to read as follows:

§ 9. **Barrels of apples, quinces, pears and potatoes.** A barrel of pears, quinces or potatoes shall represent a quantity equal to one hundred quarts of grain or dry measure. A barrel of apples shall be of the following dimensions: Head diameter, seventeen and one-eighth inches; length of stave, twenty-eight and one-half inches; bulge not less than sixty-four inches outside measurement. Every person buying or selling apples, pears, quinces or potatoes in this state by the barrel, shall be understood as referring to the quantity or size of the barrel specified in this section, but when potatoes are sold by weight the quantity constituting a barrel shall be one hundred and seventy-four pounds. No person shall make, or cause to be made, barrels holding less than the quantity herein specified, knowing or having reason to believe that the same are to be used for the sale of apples, quinces, pears or potatoes, unless such barrel is plainly marked on the outside thereof with the words "short barrel" in letters of not less than one inch in height. No person in this state shall use barrels hereafter made for the sale of such articles of a size less than the size speci-

fied in this section. Every person violating any provision of this section shall forfeit to the people of the state a sum of five dollars for every barrel put up made or used in violation of such provision.

§ 2. This act shall take effect immediately.

CHAPTER 347.

AN ACT providing for horticultural investigations, experiments, instruction and information, and for the dissemination of horticultural knowledge by the agricultural station at Geneva, in the county of Ontario, and making an appropriation therefor.

Became a law April 17, 1899, with the approval of the Governor.
Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The sum of eight thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of any moneys in the treasury not otherwise appropriated, for the purpose of conducting horticultural investigations, experiments, instruction and information, and to disseminate horticultural knowledge, to be paid to the New York State Agricultural Experiment Station at Geneva, county of Ontario, as provided for in and pursuant to section eighty-five of the agricultural law. Such money hereby appropriated shall be paid by the treasurer on the warrant of the comptroller, upon vouchers approved by the commissioner of agriculture.

§ 2. This act shall take effect immediately.

CHAPTER 430.

AN ACT making an appropriation for the promotion of agriculture by the College of Agriculture of Cornell University.

Became a law April 25, 1899, with the approval of the Governor.
Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. For the promotion of agricultural knowledge throughout the state, the sum of thirty-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of

any money in the treasury not otherwise appropriated to be paid to the college of agriculture at Cornell university to be expended in giving instruction throughout the state by means of schools, lectures and other university extension methods, or otherwise, and in conducting investigations and experiments; in discovering the diseases of plants and remedies; in ascertaining the best method of fertilization of fields, gardens and plantations; and best modes of tillage and farm management and improvement of live stock; and in printing leaflets and disseminating agricultural knowledge by means of lectures or otherwise; and in preparing and printing for free distribution the results of such investigations and experiments; and for republishing such bulletins as may be useful in the furtherance of the work; and such other information as may be deemed desirable and profitable in promoting the agricultural interests of the state. Such college of agriculture may, with the consent and approval of the commissioner of agriculture, employ teachers and experts and necessary clerical help to assist in carrying out the purposes of this bill. Such teachers, experts and clerical help may be removed by the college of agriculture in its discretion; and may be paid for their services such sum or sums as may be deemed reasonable and proper and as shall be approved by the commissioner of agriculture. All of such work by such teachers and experts who shall be employed under this bill shall be under the general supervision and direction of the commissioner of agriculture. The sum appropriated by this act shall be paid by the treasurer of the state upon the warrant of the comptroller to the treasurer of Cornell university, upon such treasurer filing with the comptroller a bond in such sum and with such sureties as the comptroller may approve, conditioned for the faithful application of such sum to the purposes for which the same is hereby appropriated. Such sum shall be payable by the treasurer of Cornell university upon vouchers approved by the officers or agents of such university having charge of such college of agriculture, and such vouchers shall be filed by the treasurer of Cornell university in the office of the comptroller of the state.

§ 2. This act shall take effect immediately.

CHAPTER 509.

AN ACT to define the size of small fruit packages.

Became a law May 3, 1899, with the approval of the Governor.
Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Small fruit packages. The standard of measures for buying and selling strawberries, raspberries, blackberries, currants, gooseberries and all other small fruits shall be the quart, which shall contain when even full sixty-seven cubic inches; the pint when even full shall contain thirty-three and one-half cubic inches; the half pint, which, when even full, shall contain sixteen and three-quarters cubic inches.

§ 2. Marks on baskets. All manufacturers of small fruit packages such as quarts, pints and half pints, that make or cause to be made such packages that are of less size or capacity than the standard sizes as defined in section one of this act, shall mark each such quart, pint and half pint with the words "short" on the outside in letters not less than one-half inch in height.

§ 3. Penalty. Any person in this state who sells or offers for sale fruit packages that are of less than the standard sizes and capacity as defined in section one, or any person who sells or offers for sale fruit in packages that are of less size or capacity than those defined in section one, that are not marked with the word "short" as directed in section two, shall be deemed guilty of a misdemeanor and upon conviction thereof in any court of competent jurisdiction shall be fined not less than five dollars and not more than twenty-five dollars, and shall stand committed to the county jail until such fine and costs are paid.

§ 4. This act shall take effect January first, nineteen hundred.

CHAPTER 515.

AN ACT to amend the penal code, relating to the sale of potatoes, grains and other agricultural products.

Became a law May 4, 1899, with the approval of the Governor.
Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The penal code is hereby amended by inserting therein a new section to be known as section four hundred and forty-seven-d and to read as follows:

§ 447-d. **Requiring more than the legal weight for a bushel.**
Where potatoes, grains or other agricultural products are sold by the bushel, without agreement as to the weight, any person requiring a greater number of pounds for a bushel than as prescribed by section eight of the domestic commerce law, is guilty of a misdemeanor.

§ 2. This act shall take effect September first, eighteen hundred and ninety-nine.

CHAPTER 642.

AN ACT to protect the interest of owners of farm lands and fruit growers.

Became a law May 25, 1899, with the approval of the Governor.
Passed, a majority being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The owner of any enclosed or occupied farm lands in this state may of himself, or by any member of his household, hunt and kill rabbits and English hares on his own premises at any time he may see fit to do so.

§ 2. All laws or parts of laws not in accordance with the provisions of this act are hereby repealed.

§ 3. This act shall take effect immediately.

CHAPTER 687.

AN ACT to amend chapter nine hundred and fifty-five, laws of eighteen hundred and ninety-six, relating to the protection and education of farmers and manufacturers in the purchase and sale of fertilizers.

Became a law May 25, 1899, with the approval of the Governor.
Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section one of chapter nine hundred and fifty-five of the laws of eighteen hundred and ninety-six, entitled "An act for the protection and education of farmers and manufacturers in the purchase and sale of fertilizers," is hereby amended to read as follows:

§ 1. Every person who shall sell, offer or expose for sale, in this state any commercial fertilizer or any material to be used as a fertilizer, the selling price of which exceeds five dollars per ton, shall stamp on or affix to each package of such fertilizer, in a conspicuous place on the outside thereof, a plainly printed statement which shall certify as follows:

1. The number of net pounds of fertilizer in the package sold or offered for sale;

2. The name, brand, or trade-mark under which the fertilizer is sold;

3. The name and address of the manufacturer of the fertilizer;

4. The chemical composition of the fertilizer expressed in the following terms:

(a) Per centum of nitrogen;

(b) Per centum of available phosphoric acid, or, in case of undissolved bone, the per centum of total phosphoric acid;

(c) Per centum of potash soluble in distilled water.

If any such fertilizer be sold, offered or exposed for sale in bulk, such printed statement shall accompany every lot and parcel so sold, offered or exposed for sale.

§ 2. Section three of the same act is hereby amended to read as follows:

§ 3. Before any commercial fertilizer or any material to be used as a fertilizer is sold, offered or exposed for sale in this state, the manufacturer, importer or person who causes the same to be sold, offered or exposed for sale shall file with the New York Agri-

cultural Experiment Station at Geneva, a certified copy of the statement prescribed in section one of this act, and, in addition, such statement shall be filed thereafter annually during the month of December. Each manufacturer, importer or person, before selling, offering or exposing for sale in this state any brand of commercial fertilizer, shall annually, during the month of December, pay to the treasurer of the New York Agricultural Experiment Station a license fee of twenty dollars for each and every brand of fertilizer, bearing a distinctive name, brand or trademark, which said manufacturer, importer or person is to sell, offer or expose for sale in this state during the calendar year next succeeding said payment, provided, always that the placing of any new brand upon the market at any time during said calendar year shall be preceded by such payment. Each manufacturer, importer or person who has complied with the provisions of this act relative to filing the aforesaid certified statement and to the payment of the aforesaid license fee shall be entitled to receive a certificate from the director of said station setting forth said facts. Said treasurer shall pay all money received as aforesaid to the treasurer of the state of New York, which treasurer when said money is so appropriated, upon the audit of the board of control of said station and the order of the comptroller of the state of New York, shall pay the money so received, or so much of it as may be necessary, in maintaining the expenses of enforcing the provisions of this act. Said board of control shall report annually the expenditures so incurred for salaries, laboratory expenses, chemical supplies, traveling expenses and printing.

§ 3. This act shall take effect immediately.

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LIST
OF
BUTTER AND CHEESE FACTORIES
IN THE
STATE OF NEW YORK,
TOGETHER WITH
Amount of Product and a Summary by Counties
and Towns for the Season of 1898.
ALSO
Index to Map of Butter and Cheese Factories in the
State in 1899, Together with Map.

WYNKOOP HALLENBECK CRAWFORD CO.,
STATE PRINTERS,
NEW YORK AND ALBANY.
1899.

NOTE.

The following census of butter and cheese factories shows that of the 61 counties in the State, there are fifteen (Greene, Hamilton, Kings, New York, Nassau, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Ulster, Warren, Westchester and Yates), as shown by reports, in which no butter or cheese was made in factories during the year 1898. In the remaining 46 counties of the State the whole amount of butter and cheese made in factories was as follows: Whole number of butter factories, 381, making 25,889,005 pounds (an increase of 92 factories with an increase of 7,383,101 pounds over 1896). Whole number of cheese factories 1,023, making 84,332,155 pounds of cheese (an increase of 18 factories and 9,746,005 pounds of cheese as compared with 1896). Whole number of factories making both butter and cheese 207, making 4,697,083 pounds of butter and 21,073,111 pounds of cheese (an increase of 66 factories with an increase of the product of 1,773,293 pounds of butter and 7,894,118 pounds of cheese as compared with 1896). Whole number of factories in the State 1,611, making 30,586,088 pounds of butter and 94,078,160 pounds of cheese (an increase from the year 1896 of 176 factories and 9,156,394 pounds of butter and 17,640,123 pounds of cheese).

Following the "List of Butter and Cheese Factories," will be found an index to the map attached. It must be borne in mind that the factories as shown by the "List," will not always agree with the factories as shown on the map, for the reason that it (the map) is made to show the factories existing in 1899, and the "List" those for 1898.

LIST OF BUTTER AND CHEESE FACTORIES.

ALBANY COUNTY.

BERNE.

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
1	Berne and Knox.....	Berne.....	Thos. J. Wood.....	Berne	Cheese .....	.....	24, 143

ALLEGANY COUNTY.

ALFRED.

1	Alfred .....	.....	E. P. Fenner	Alfred Station.....	Butter	5, 426	.....
2	Brown .....	.....	T. G. Brown	Andover	Cheese .....	.....	52, 876
3	Fenner's Home.....	.....	E. P. Fenner.....	Alfred Station.....	do .....	.....	55, 250
4	Five Corners.....	.....	do	do	do .....	.....	61, 199
5	Pleasant Valley.....	.....	do	do	do .....	.....	60, 066

ALLEN.

7	Allen .....	.....	Jas. A. Hogue.....	Allen	B. & O.	2, 000	90, 507
8	Empire .....	.....	W. E. Child	Whitney's Crossing..	Cheese .....	.....	56, 810
9	Keystone .....	.....	J. R. Lamont	Aristotle	do .....	.....	167, 000
10	Platt .....	.....	Fred R. Piatt	Angelica	do .....	.....	85, 000
11	West Hill .....	.....	Jas. R. Murtry	Caneadea	do .....	.....	95, 866

LIST OF BUTTER AND CHEESE FACTORIES.

5

ALMOND.

13	Almond	N. D. Palmer	Almond	Butter	68,000 .....	.....
14	Bishopville	John Costello	Friendship	Cheese .....	.....	56,674
15	Cardale	Walt McHenry	Almond	do .....	.....	51,208

AMITY.

17	Genesee Valley	B. D. Willard	East Randolph	do .....	.....	70,000
18	Gilt Edge	J. C. Holden	Belmont	do .....	.....	189,412
19	Withey	W. J. Gull	Withey	do .....	.....	135,000

ANDOVER.

20	Andover	W. F. Snyder	Andover	do .....	.....	136,009
21	Elm Valley	U. W. Stratton	Elm Valley	do .....	.....	84,547
22	Harstrum	Jno. Harstman	Andover	do	49,676

ANGELICA.

23	Angelica Union	A. W. Stone	Green Corners	do	93,000
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BELFAST.

25	Belfast	A. E. Perry	Belfast	B. & C.	47,911	172,808
26	Rockville	do	do	Cheese	113,909
28	Transit Bridge	do	do	do .....	.....	120,087
27	White Creek	W. E. Wilkinson	do	do	128,304

BOLIVAR.

29	Bolivar	B. F. Hayward	South Bolivar	do	54,536
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ALLEGANY COUNTY—BURNS—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is.	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
30	Canaseraga	Canaseraga....	Young & Young.....	Fillmore	B. & C.	4,970	60,860
31	Slater Creek.....	.....	Chas. Swain.....	Canaseraga	Cheese	.....	41,216
32	West Burns.....	.....	W. E. Child.....	Whitney's Crossing..	do	.....	22,773
CANEADEA.							
33	Caneadea .....	.....	Young & Young.....	Fillmore	do	.....	102,000
34	Houghton	Houghton	P. B. Loftis	Houghton.....	do	.....	105,166
35	Oramel	Oramel	A. E. Perry	Belfast	do	.....	65,883
36	Shongo .....	.....	Young & Young.....	Fillmore	do	.....	64,509
CENTERVILLE.							
37	Babbitt .....	.....	Mrs. J. A. Hogg.....	Hume	do	.....	74,000
	Centerville	Centerville	W. D. Wilmot.....	Centerville	do	.....	135,481
38	Starr	do	Mrs. J. A. Hogg.....	Hume	do	.....	69,000
39	Yorkshire.....	do	E. L. Jones	Delavan	do	.....	135,000
CLARKSVILLE.							
40	Clarksville .....	.....	M. M. Congdon.....	West Clarksville.....	Cheese	.....	173,606
41	Obi	Clarksville	do	do	do	.....	103,003

LIST OF BUTTER AND CHEESE FACTORIES.

7

CUBA.

42	Cuba Village	A. A. Arnold.	Cuba	B. & C.	108,642
43	Kellar Hill	A. J. Reynolds.	do	Cheese	103,870
44	North Cuba	O. J. Warren.	do	Butter	75,000
45	Rice	Jno. McCarthy.	Friendship	Cheese	120,904
46	South Cuba	G. S. Marsh.	Cuba	do	173,729

FRIENDSHIP.

47	Barr	M. W. Hobart.	Friendship	do	70,000
48	Dayton	Jno. Costello.	do	do	58,817
49	Friendship	M. W. Hobart.	do	B. & C.	181,471
51	North Branch	F. W. Harbeck	do	Cheese	154,000
	West Nile	Henry Wyant	Nile	do	225,225

GENESEE.

52	Little Genesee	J. C. Wirt.	Little Genesee	do	109,677
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GRANGER.

53	Short Tract	Young & Young	Fillmore	do	84,927
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GROVE.

54	East Grove	Wm. Cooder	Whitney's Crossing	do	40,204
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HUME.

55	Fillmore	Young & Young	Fillmore	B. & C.	113,959
56	Hume	do	do	Cheese	78,027
57	Mill's Mills	A. L. Boller	Hume	do	84,999

LIST OF BUTTER AND CHEESE FACTORIES.

ALLEGANY COUNTY—HUME—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
59	Storm Spring.....	.....	Young & Young.....	Fillmore.....	Cheese	.....	114,365
60	Union.....	Higgins.....	do.....	do.....	do	.....	58,777
61	Wiscoy.....	Wiscoy.....	do.....	do.....	do	.....	143,098
INDEPENDENCE.							
62	Cyder Creek.....	.....	F. B. Boyce.....	Wellsville.....	do	.....	70,000
63	Independence.....	.....	A. W. Stone.....	Greens Corners.....	do	.....	99,678
64	Spring Mills.....	Spring Mills.....	C. L. Richardson.....	Spring Mills.....	do	.....	134,323
65	Wildman.....	Whitesville.....	C. H. Austin.....	Whitesville.....	do	.....	150,000
NEW HUDSON.							
66	Black Creek.....	.....	M. J. Dunn.....	Black Creek.....	do	.....	226,238
68	Laferty.....	.....	Jas. A. Loftis.....	Cuba.....	do	.....	70,000
69	Marshall.....	.....	A. E. Perry.....	Belfast.....	do	.....	58,000
70	Mt. Monroe.....	.....	C. E. Pettitt.....	Rusford.....	do	.....	54,000
	New Hudson.....	.....	E. L. Van Skoik.....	Black Creek.....	do	.....	100,000
71	Rawson.....	.....	Frank W. Hogg.....	New Hudson.....	do	.....	157,610
72	Spring Creek.....	W. J. Dunn.....	Black Creek.....	do	53,437

LIST OF BUTTER AND CHEESE FACTORIES.

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RUSHFORD.

73	Brookside	M. E. Gordon.....	Rushford	do	76,696
74	Hardy's	C. E. Pettit.....	do	do	141,000
75	Kelloggville	F. W. Hogg.....	New Hudson	do	125,282
76	Pearl Creek	do	do	do	80,100
77	Podonque	A. Olthof.....	Rushford	do	83,640
78	Rushford	C. J. Elmer.....	do	do	143,135
79	West Branch	J. F. James.....	do	do	81,058

SCIO.

80	Allentown	Riley Allen	Allentown	do	138,500
81	Knight's Creek	J. L. Coyle.....	Scio	do	79,754
82	Scio No. 1	Mrs. H. A. Babcock	do	do	72,875

WARD.

84	Phillips Creek	Ockerman & Co.....	Phillips Creek	do	136,985
85	Vandermark No. 1	G. E. Dodge.....	Scio	do	78,854
	Vandermark No. 2	do	do	do	95,472
86	Wadsworth Hill	A. E. Hall.....	Ward	do	55,543

WELLSVILLE.

87	Crowner	Wm. H. Wahl	Andover	do	85,832
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WEST ALMOND.

89	Baker	Mrs. Jas. A. Baker	Angelica	do	46,967
90	West Almond	Albert Raymond	West Almond	do	138,000

ALLEGANY COUNTY—WILLING—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
91	Beech Hill.....		R. C. Alsworth.....	Shongo.....	Cheese	.....	93,700
92	Ford Brook.....	Wellsville.....	Gilcie McKinley.....	Standards.....	do	.....	100,000
93	Hallsport.....	.....	T. J. Carmody.....	Shongo.....	do	.....	53,564
WIRT.							
95	Inavale.....	.....	L. E. Newton.....	Inavale.....	do	.....	65,195
96	Richburg.....	Richburg.....	F. J. Brown.....	Richburg.....	do	.....	45,000
97	Wirt.....	.....	F. W. Cooley.....	Wirt Center.....	do	.....	84,112
BROOME COUNTY.							
BARKER.							
36	Barker.....	Itaska.....	G. W. Brewer.....	Itaska.....	do	.....	81,092
BINGHAMTON.							
1	Binghamton.....	Binghamton...	J. E. Rogers.....	98 Washington Street, Binghamton.....	Butter	4,000.....	.....
3	Carvers.....	do	W. J. Carver.....	151 Court St., Bing- hamton.....	do	24,000.....	.....
6	Hawleyton.....	do	Wells & Corwin.....	Maine.....	do	9,769.....	.....
2	Hicks.....	do	J. & M. Hicks.....	94 Front St., Bing- hamton.....	do	4,177.....

CHENANGO.

12	Castle Creek.....	Castle Creek ..	Wells & Corwin ..	Maine	do	42,612
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COLESVILLE.

26	Centre Village.....	Centre Village.	Tupper Bros	Centre Village.....	do	111,630
33	Empire.....	Harpersville...	W. W. Keech.....	Harpersville.....	do	13,600
	Harpersville Ship.Sta.	do	Elmer Knapp.....	do	do	2,409
25	Hurd.....	do	F. Delong.....	do	Cheese	44,232
32	Martin Hill.....	do	Tupper Bros	Centre Village.....	Butter	54,972
30	Onaquaga.....	Onaquaga	Tupper Bros	do	do	56,666
24	Sanitaria Sp'gs Sta.	Sanitaria Sp'gs.	Wm. Slotewan.....	New York	Cheese	3,000
27	Tunnel.....	Tunnel	W. W. Sisson.....	Tunnel	Butter	55,199
29	Vallonia Springs.....	Vallonia Sp'gs.	Tupper Bros	Centre Village.....	do	117,456

CONKLIN.

	Conklin	Conklin.....	F. D. Jackson	91 Hudson St., Ho-	Cheese	800
				boken		

FENTON.

35	North Fenton.....	C. H. Paddleford ..	North Clinton	do	82,693
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KIRKWOOD.

	Langdon Ship. Sta....	Bates & Foulke.....	10 Barrow st., N. Y....	Butter	2,000
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LISLE.

37	Crystal Spring.....	Center Lisle...	Hotaling & Littlewood.	Center Lisle.....	Butter	96,889
39	Excelsior.....	do	O. S. Zimmer.....	Lisle.....	do	74,500
	Excelsior No 2.....	do	O. S. Zimmer.....	do	do	32,850
	Killawog Ship. Sta...	Killawog	Philip Moersch.....	601 E. 11 st., N. Y....	do	294
42	Klondike .....	.....	Jesse Arnold.....	Center Lisle.....	do	25,146
43	Lisle.....	.....	R. J. Schuts.....	313 E. 31 st., N. Y....	do	1,800

BROOME COUNTY—MAINE—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
14	East Maine.....	East Maine.....	J. A. Crosby.....	East Maine.....	Butter	16,537	.....
10	Maine.....	.....	Wells & Corwin.....	Maine.....	do	59,226	.....
NANTICOKE.							
44	Crescent.....	.....	Barnes & Whittaker.....	Whitney's Point.....	do	37,600	.....
11	Glen Aubrey.....	Glen Aubrey..	Wells & Corwin.....	Maine.....	do	42,485	.....
15	Nanticoke.....	.....	Frank J. Doane.....	Nanticoke.....	do	44,807	.....
SANFORD.							
45	Howe's.....	Howes.....	P. P. Howe.....	Howes.....	do	9,146	.....
34	Delaware Valley.....	Sanford.....	S. S. Brown & Co.....	105 1st st, N. Y.....	do	117,196	.....
46	North Sanford.....	do.....	Ernest W. Bilby.....	Masonville.....	B. & C.	2,477	12,387
TRIANGLE.							
47	Clough's Corners.....	.....	A. W. Page.....	Whitney's Point.....	Butter	57,000	.....
48	Locust Brow.....	Whitney's Pt..	Mrs. P. E. Clark.....	do.....	Cheese	.....	18,795
49	Page Brook.....	do.....	A. W. Page.....	do.....	Butter	63,800	.....
50	Upper Lisle.....	Upper Lisle..	Earl D. Sanders.....	Upper Lisle.....	B. & C.	45,000	140,000
52	Whitney's Pt. Sta....	Whitney's Pt..	Jos. Lacmmle.....	202 Blecker st., N. Y.	do	1,120	10,000

UNION.

9	Crystal	Union Centre	Geo. Buffurn	Union Centre	Butter	123,337	.....
8	Diamond Spring.....	Union	Arthur Ward	Union	do	720	.....

VESTAL.

17	Buns Hill.....	Vestal	J. H. Potter	Binghamton	do	18,250	.....
53	Tracy Creek	do	Chas. J. Baker	Tracy Creek	do	83,991	.....
7	Vestal	do	E. G. Taylor	Vestal	do	92,895	.....
	Vestal Centre.....	Vestal Centre.....	A. J. Lester	Vestal Centre.....	do	33,089	.....
16	Willow Point.....	Willow Point..	Yates & Westfall.....	Willow Point.....	do	17,582	.....

WINDSOR.

19	Lester	Lester	Lester Creamery Co.....	Lester	do	21,845	.....
20	West Windsor.....	Windsor	Dewitt Hall	West Windsor.....	Cheese	39,800	.....

CATTARAUGUS COUNTY.

ALLEGANY.

	Elgin .....	.....	F. J. Woodard.....	Allegany.....	Butter.....	3,867	.....
3	Four Mile Union.....	.....	H. I. Martenburg.....	do	Cheese.....	90,165	.....
2	Five Mile Union.....	Allegany.....	E. D. Bennett.....	do	do	68,202	.....
4	Nine Mile Union .....	.....	Michael Zister	do	do	74,221	.....
5	Wilkes Allegany	Allegany.....	H. M. Wilber	do	do	151,313	.....

ASHFORD.

6	Ashford.....	.....	J. R. Zeturick	Ashford.....	do	118,674	.....
7	Bellows .....	.....	A. B. Neff	do	do	80,000	.....
8	Bigelow .....	.....	J. W. Clair	Springville	do	80,221	.....
9	Block.....	.....	do	do	do	95,405	.....

CATTARAUGUS COUNTY—ASHFORD—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
10	Demmons .....	.....	J. W. Clair.....	Springville	Cheese .....	.....	73,441
11	Fox	West Valley ..	do	do	do .....	.....	52,000
12	Franktown .....	.....	A. B. Neff	Ashford.....	do .....	.....	76,000
13	Glen Brook No. 3.....	West Valley.....	J. W. Clair.....	Springville ..	do .....	.....	53,912
14	Riceville	Riceville.....	A. B. Neff	Ashford.....	do .....	.....	120,000
15	Rock Spring Union ..	.....	Chas. Smith, Jr.	Springville ..	do .....	.....	65,757
16	Schwartz .....	.....	A. B. Neff	Ashford.....	do .....	.....	66,000
17	West Valley	West Valley ..	J. W. Clair.....	Springville ..	do .....	.....	70,000
COLD SPRINGS.							
19	Randolph No. 1.....	E. Randolph ..	Zenas Carpenter.....	E. Randolph.....	do .....	.....	114,699
21	Story .....	.....	Luther E. Story.....	Steamburg ..	do .....	.....	55,000
CONEWANGO.							
22	Axville.....	.....	O. S. Wright.....	Conewango.....	do .....	.....	100,000
24	Elm Creek.....	.....	D. A. Cowan	do	B. & C. ..	14,181	100,832
25	Highland.....	.....	W. A. Hopkins.....	do	do	25,073	97,514
26	Randolph No. 4.....	.....	Zenas Carpenter.....	E. Randolph.....	Cheese ..	.....	86,282
27	Randolph No. 5.....	.....	do	do	B. & C. ..	13,906	106,164

DAYTON

28	Cottage	Jno. Olivay	Cottage	Cheese	98,000
29	Markham's	S. D. Vance	East Concord	do	71,250
30	Rock Spring	Rick & Isbell	Dayton	Butter	60,000
31	Wesley	A. Howard	Wesley	Cheese	80,000

EAST OTTO.

32	East Otto No. 1	Ahrens & Zetwick	East Otto	do	185,494
33	East Otto No. 2	do	do	do	185,098
34	East Otto No. 3	do	do	do	134,384
35	East Otto No. 4	do	do	do	92,529
	Plato Union	Jno H. Wulf	Plato	do	134,500

ELKO.

37	Elko	Quaker Bridge	Tunesassa	do	32,000
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ELLCOTTVILLE.

38	Beaver Meadow	J. W. Clair & Co.	West Valley	do	77,000
39	Ellicottville	E. C. Allsworth	Ellicottville	do	30,000
40	Ellicottville Grm'y	W. D. Walrath	do	Butter	115,030
41	Glenn Brook No. 1	Jno. F. Jenkel	do	B. & C.	3,262
42	Glenn Brook No. 2	do	do	Cheese	82,357
43	Irish Hill	Will Wulf	Little Valley	do	85,433
44	Vedder's Corners	John Wulf	Plato	do	100,000
45	Vinton	E. C. Allsworth	Ellicottville	do	76,047
				do	108,000

FARMERSVILLE.

46	Bullock	Geo. E. Hogg	Arcade	do	88,777
47	Fairview	D. L. Hooper	Fairview	do	123,568
48	Farmersville No. 1	C. E. Wright	Laidlaw	do	50,799

CATTARAUGUS COUNTY—FARMERSVILLE—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
49	Franklinville No. 5..	.....	E. H. Farrington	Franklinville	Cheese	.....	80,835
50	Rock Spring No. 1 .....	.....	do	do	do	.....	95,988
51	Sandusky No. 1	Farmersville ..	J. B. Lewis.	Sandusky	do	.....	60,810
52	Sandusky No. 9	Farmersv. Sta..	do	do	do	.....	106,482
53	West Farmersville..	.....	Chas. Peary & Son.....	Laidlaw	do	.....	49,423
FRANKLINVILLE.							
54	Franklinville No. 1..	.....	E. H. Farrington	Franklinville	do	.....	86,407
55	Franklinville No. 2..	Fitch	do	do	do	.....	136,511
56	Franklinville No. 3..	.....	do	do	do	.....	70,674
57	Franklinville No. 8..	.....	do	do	do	.....	102,274
58	Franklinville No. 12.	Deversaux	do	do	do	.....	84,661
60	Pullman No. 20	do	J. W. Clair & Co	Little Valley.....	do	.....	100,000
59	Yorkshire Cen. No.14.	.....	E. L. Jones	Delevan	do	.....	67,460
FREEDOM.							
61	Freedom .....	.....	S. J. Owens	Freedom	do	.....	139,392
62	Sandusky No. 1	Sandusky	J. B. Lewis.....	Sandusky	do	.....	133,040
63	Sandusky No. 3	Elton	do	do	do	.....	89,114
64	Sandusky No. 5 .....	.....	do	do	do	.....	65,597
65	Maple Grove .....	.....	Carry Owens	do	do	.....	100,000

GREAT VALLEY.

67	Double Mill.....	J. W. Clair.....	Springville.....	do	90,000
68	Randall No. 24.....	J. W. Clair & Co.....	Little Valley.....	do	80,000
	Sandusky No. 13.....	J. B. Lewis.....	Sandusky.....	do	78,524

HINSDALE.

70	Fay Hollow.....	M. N. Costello.....	Hinsdale.....	do	184,386
71	Haskell Flats.....	P. J. Pettit.....	Haskell Flats.....	do	201,956
72	Hinsdale.....	W. L. Hogg.....	Hinsdale.....	do	117,000

HUMPHREY.

73	Franklinville No. 4.....	E. H. Farrington.....	Franklinville.....	do	80,436
74	Franklinville No. 6.....	do.....	do.....	do	98,065
75	Franklinville No. 7.....	do.....	do.....	do	77,931
76	Franklinville No. 9.....	do.....	do.....	do	73,583
77	Franklinville No. 11.....	do.....	do.....	do	77,167

ISCHUA.

78	Abbotts Union.....	Thos. L. McVey.....	Abbotts.....	do	195,541
79	Dutch Hill.....	T. L. McMannon.....	Hinsdale.....	do	134,672
80	Home.....	Jas. N. Brown.....	Cuba.....	do	102,042
81	Ischua.....	E. S. Moses.....	Ischua.....	do	57,445

LEON.

84	Leon Center.....	Jno. McAdam.....	Leon.....	do	104,446
85	Leon Union.....	H. A. Danion.....	Leon.....	do	92,388
86	So. Dayton No. 2.....	J. Dersey.....	So. Dayton.....	do	111,606
83	Spring Brook No. 6.....	C. J. Buskist.....	New Albion.....	do	90,000

CATTARAUGUS COUNTY—LITTLE VALLEY—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
87	Elkdale.....	Elkdale.....	J. W. Clair.....	Springville.....	Cheese	.....	140,000
88	Little Valley No. 2...	.....	J. W. Clair & Co.....	Little Valley.....	do	.....	168,000
LYNDON.							
89	Abbott No. 2.....	.....	O. J. Foltz.....	Ischua.....	do	.....	134,812
90	Elgin.....	.....	S. M. Fisher.....	Elgin.....	do	.....	72,688
91	Lynden.....	.....	Thos. Case.....	Franklinville.....	do	.....	141,550
92	Stone.....	.....	S. M. Fisher.....	Elgin.....	do	.....	66,992
MACHIAS.							
93	Canada Hill.....	.....	A. B. Neff.....	Ashford.....	do	.....	100,000
94	Farnersville No. 2...	Machias.....	Wright Bros.....	Machias.....	B. & C.	6,136	58,544
	Franklinville No. 10.	do.....	E. H. Farrington.....	Franklinville.....	Cheese	.....	64,456
96	Franklinville No. 13.	do.....	do.....	do.....	do	.....	88,498
97	Napier.....	.....	C. E. Napier.....	do.....	B. & C.	6,432	81,819
98	West Machias.....	.....	J. W. Clair & Co.....	Springville.....	Cheese	.....	128,000
MANSFIELD.							
99	East Valley.....	.....	G. C. Wulft.....	Orlando.....	do	.....	100,000
100	Five Points No. 1....	.....	J. W. Clair & Co.....	Little Valley.....	do	.....	159,000
	Lime Brook No. 3....	Eddyville.....	P. F. Jark.....	Otto.....	B. & C.	9,387	228,361

102 North Valley.....	Anson Fussa.....	Little Valley.....	Cheese.....	110,000
103 Stebbins Lime Brook No. 4.....	P. F. Jark.....	Otto.....	do.....	40,540
104 Williams No. 5.....	J. W. Clair & Co.....	Little Valley.....	do.....	47,500
NAPOLI.				
105 No. Napoli No. 3.....	J. W. Clair & Co.....	Little Valley.....	do.....	123,000
106 So. Napoli No. 4.....	do.....	do.....	do.....	156,000
107 Spring Valley.....	W. I. Peaslee & Son.....	East Randolph.....	do.....	116,415
NEW ALBION.				
108 Spring Brook No. 1.....	C. J. Buskist.....	New Albion.....	do.....	214,485
109 Spring Brook No. 2.....	do.....	do.....	do.....	100,000
110 Spring Brook No. 5.....	do.....	do.....	do.....	175,000
OTTO.				
111 Barber.....	W. H. Klens.....	Otto.....	do.....	107,618
112 Lime Brook No. 1.....	P. F. Jark.....	do.....	B. & C. Cheese.....	125,775
113 North Otto.....	C. A. Tacklam.....	do.....	do.....	89,247
114 Ross No. 1.....	E. P. Ross.....	Gowanda.....	do.....	49,211
115 Ross No. 2.....	do.....	do.....	do.....	104,411
116 Ryder.....	do.....	do.....	do.....	39,936
117 Scott's Corners.....	J. Gampp & Son.....	Randolph.....	do.....	282,738
PERRYSBURG.				
118 Dewey.....	S. D. Vance.....	East Concord.....	do.....	85,151
119 Perrysburg.....	O. D. Sprague.....	Perrysburg.....	do.....	75,673
PERSIA.				
120 Broadway.....	S. D. Vance.....	East Concord.....	do.....	42,675
121 Spring Brook No. 4.....	Henry J. Gould.....	Cattaraugus.....	do.....	88,659

CATARAUGUS COUNTY—PORTVILLE—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
122	Bedford Corners		L. B. Humphrey	Salem	Cheese	.....	165,000
123	Lower Haskell		Jas. J. Kirby	Olean	do	.....	179,934
125	Portville	Portville	Portville Butter Co.	Portville	Butter	3,670	.....
126	Van Brunt		A. Van Brunt	Carroll	Cheese	.....	46,493
RANDOLPH.							
128	Gampp		J. Gampp & Son	Randolph	do	.....	83,000
129	Randolph No. 2		Zenas Carpenter	East Randolph	B. & C.	27,789	79,574
130	Randolph No. 3		do	do	Cheese	.....	108,918
RED HOUSE.							
131	Red House		Mrs. H. J. Marsh	Red House	do	.....	55,095
SOUTH VALLEY.							
183	Onoville		Onoville Creamery Co.	Onoville	Butter	40,000	.....
YORKSHIRE.							
Block No. 3			E. L. Jones	Delevan	Cheese	.....	35,000
Delevan No. 1			do	do	do	.....	140,000
McKinstry No. 2			do	do	do	.....	60,000
Marble Spring No. 7			do	do	do	.....	62,000
W. Yorkshire No. 4			do	do	do	.....	35,000
Yorkshire No. 8			do	do	do	.....	37,000

OAYUGA COUNTY.

CATO.

1	Cato.....	M. H. O'Gilsbee	Jordan	Cheese	66,524
6	Meridian	W. M. Burke.....	Meridian.....	Butter	42,621

LEDYARD.

12	Aurora	W. B. White	Aurora	do	78,974
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MORAVIA.

5	Moravia.....	W. M. Jones	Moravia	Cheese	101,416
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SEMPRONIOUS.

3	Crystal Fountain....	H. B. Livermore	Dresserville	Butter	90,000
8	Slone	H. E. Slone	Kelloggsville.....	Cheese	77,886

SENNETT.

7	Sennett	F. L. Tyler.....	Sennett	Butter	191,090
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STERLING.

9	Sterling.....	S. H. & A. M. Oliver...	Sterling	Cheese	56,805
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SUMMER HILL.

2	Como	Frank Griffin.....	Como	do	58,660
10	Summer Hill	Chas. Ranny	Summer Hill	Butter	54,750

VENICE.

13	Poplar Ridge.....	Elisha Cook.....	Poplar Ridge.....	do	75,915
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CHAUTAUQUA COUNTY.

ARKWRIGHT.

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
1	Abbey .....	.....	H. E. Gampp.....	Randolph	Cheese	.....	114,305
2	Arkwright Center .....	.....	F. W. Horton	Arkwright.....	do	.....	70,638
3	Arkwright Union.....	.....	S. G. Bartlett.....	Lavina	do	.....	54,280
4	Caneadana.....	N. Y. Milk Product Co.	S. Plainfield, N. J.....	do	61,831

BUSTI.

5	Palmer Spring	F. H. Aldrich	Jamestown.....	Butter	151,111.....
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CARROLL.

6	Carroll.....	L. F. Bunce	Frewsburg	do	30,523.....
7	Carroll Cold Spring.....	do	do	do	80,909.....
8	Fenton .....	.....	F. J. Lewis.....	Ivory	do	134,219.....	.....
9	Nonpariel.....	.....	F. E. Thayer.....	Frewsburg	do	49,401.....	.....
10	Riverside.....	Dodge	E. A. Herrick.....	Dodge	do	38,519.....	.....

CHARLOTTE.

11	Charlotte Center .....	.....	M. R. Tarbox.....	Charlotte Center.....	Cheese	.....	55,000
12	Charlotte Union .....	.....	E. F. Lake Lug.....	do	do	.....	63,709
13	Rood .....	.....	A. J. Rood	Sinclairville	do	.....	107,607
14	Sinclairville.....	.....	J. Ells	do	do	.....	111,985

CHAUTAUQUA.

Centralia	Centralia	N. O. Waterman	DeWittville	do	79,484
16 Chautauqua Hill	Chautauqua Hill	Ingerson & Marsh	Dean	do	83,836
17 Cold Spring .....	.....	Ames Russell & Tennant	Hartfield	do	32,000
18 Maple Grove .....	.....	Dwight E. Morris	Mayville	Butter	92,512
19 Mayville	Mayville	E. F. Rowley	Kennedy	Cheese	33,350
19 N. Waterman .....	.....	N. O. Waterman	DeWittville	do	129,301

CHERRY CREEK.

20 Ellington No. 8 .....	.....	E. F. Rowley	Kennedy	do	151,688
21 Linwood .....	.....	D. H. Thompson	Randolph	do	107,660

CLYMER.

22 Clymer .....	.....	H. C. Card	Clymer	Butter	3,500
25 Clymer Hill .....	.....	Henry Damcot	do	do	57,490
23 Columbia .....	.....	H. C. Card	do	do	46,452
26 Jaquins	Jaquins	Art. Jaquins	Jaquins	do	131,646
24 North Clymer .....	.....	Ross Brown	North Clymer	do	45,659

ELLERY.

27 Alden .....	.....	A. D. Alden	Sinclairville	Cheese	61,686
28 Bemus Point	Bemus Point	F. J. Wheeler	Bemus Point	do	40,586
29 Chautauqua Lake .....	.....	C. H. Phillips	Fluvana	Butter	26,931
30 Ellery .....	.....	Cowden Bros	Ellery	Cheese	100,300
31 Red Bird .....	.....	A. D. Alden	Sinclairville	do	55,308
33 West Ellery .....	.....	F. W. Stowell	Bemus Point	do	64,783
32 Waterman	P. G. Waterman	DeWittville	do	141,328

ELLICOTT.

34 Levant	Levant	Bedient & Benedict	Levant	Butter	118,774
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CHAUTAUQUA COUNTY—ELLINGTON—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct man-ufactured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
35	Ellington No. 1	.....	E. F. Rowley	Kennedy	Cheese	.....	157,000
36	Ellington No. 2	Clear Creek...	do	do	B. & C.	25,527	147,655
37	Ellington No. 3	.....	do	do	do	35,554	99,362
38	Ellington No. 5	.....	do	do	Cheese	.....	81,416
FRENCH CREEK.							
39	Cutting Brook	.....	H. R. Case	Cutting	Butter	160,115	.....
40	French Creek	.....	H. C. Jones	French Creek	do	60,000	.....
41	Morgan's Corners	.....	William Crossent	Clymer	do	38,480	.....
GERRY.							
42	Alliance	.....	Tompkins & Sons	Gerry, N. Y.	do	46,000	.....
43	Dennison	.....	E. L. Croft	Sinclairville	Cheese	.....	41,290
44	Ellington No. 6	.....	E. F. Rowley	Kennedy	do	.....	42,353
45	Gerry	.....	Tompkins & Sons	Gerry	Butter	70,000	.....
46	Starr	.....	do	do	do	45,000	.....
HANOVER.							
46	Forestville	Forestville	Luther Stanley	Forestville	Cheese	.....	79,500
47	Nashville	Nashville	C. Montgomery	Nashville	do	.....	72,396

HARMONY.

48	Blockville	G. H. Burlage	Blockville	do	65,000
	Elgin	Martin V. Morley	Stowe	Butter	58,662
49	Goshen	J. J. Colwell	Bear Lake, Pa.	Cheese	39,946
50	Grant	F. W. Engle	Broken Straw	do	48,613
51	Open Meadows	G. S. Cowley	Open Meadows	Butter	106,958
52	Panama	A. N. Vergith	Panama	do	85,000
53	Watt's Flats	F. W. Engle	Broken Straw	do	23,693

KIAANTONE.

54	Kiantone	R. K. Houghwot	Kiantone	do	60,783
55	Stillwater	A. B. Carter	Jamestown	do	62,310

MINA.

56	Findley's Lake	A. C. Tillotson	Findley's Lake	do	84,868
57	Marks	Stanton & Hunnellink ..	Marks	do	71,654

POLAND.

59	Cold Water	E. F. Rowley	Kennedy	do	90,094
60	Ellington No. 4	do	do	B. & C.	16,645
					157,313

POMPERY.

	Lavina	S. G. Bartlett	Lavina	Cheese	54,560
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RIPLEY.

61	Cold Spring	George Sears	South Ripley	B. & C.	18,000
62	Empire	F. W. Brownell	do	Butter	28,000
64	Starr	Theron Eldred	Ripley	do	20,451

CHAUTAUQUA COUNTY—SHERMAN—(Concluded).

No.	NAME OF FACTORY	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
66	Nickel Plate.....	.....	Art Jaquins.....	Jaquins.....	Butter	74,711	.....
67	Sherman.....	Sherman.....	Wilkinson Gaddis & Co.	Newark, N. J.....	do	272,768	.....
68	Whitney.....	.....	W. B. Whitney.....	Sherman.....	do	259,616	.....
STOCKTON.							
69	Bear Creek.....	.....	Straight & Landar.....	Cassadaga.....	do	28,075	.....
70	Cassadaga.....	Cassadaga.....	E. C. Straight.....	do.....	do	50,000	.....
72	Lewis.....	.....	S. W. Lewis.....	Stockton.....	Cheese	.....	46,366
73	Moons.....	.....	I. N. Gampp.....	Moons.....	do	.....	66,141
	Scotch.....	.....	R. McCubbin.....	Stockton.....	do	.....	38,702
VILLENova.							
76	Maple Hill.....	Hamlet.....	Delos Tanner.....	Hamlet.....	do	.....	50,495
	South Dayton.....	.....	J. Dorsey.....	South Dayton.....	do	.....	73,690
77	Villanova.....	.....	H. S. Sweetland.....	Villanova.....	do	.....	79,410

CHEMUNG COUNTY.

Big Flats.

Big Flats Creamery.....	F. H. Luhrs.....	Big Flats.....	Butter	10,020
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ELMIRA.

7	Atwater.....	Elmira.....	W. G. Atwater.....	Elmira.....	do	34,955
9	Cowan.....	G. M. Cowan.....	do	do	3,000
11	Elliston.....	.....	M. S. Elliston.....	do	do	1,000	.....
8	Nichols.....	.....	H. W. Nichols.....	do	do	3,000	.....
10	Ronan.....	.....	Mike Ronan.....	do	do	2,160	.....

HORSEHEADS.

6	Home Farm Jersey ..	.....	Horseheads Cr'y Co.....	Horseheads	do	350,000	.....
	Oak Grove Creamery.	.....	R. G. Esenhart	do	B. & C.	108,704	90,000

CHENANGO COUNTY.

AFTON.

2	Afton Shipping Station	.....	Nickerson & Church	Afton	Butter	5,000	.....
	Star .....	.....	Tupper Bros.....	Center Village.....	do	12,000	.....

BAINBRIDGE.

4	Bainbridge	Bainbridge	C. C. Hovy & Co.....	Bainbridge	do	398,508	.....
3	Bainbridge Station..	do	Wm. A. Wright.....	197 Johnson st. B'klyn	do	1,500	.....
5	West Bainbridge.....	.....	Bentley & Clark.....	West Bainbridge.....	Cheese	64,961	.....

COLUMBUS.

6	Columbus	Columbus	E. A. Sage	New Berlin.....	B. & C.	59,799	54,140
7	Cottage.....	do	Wm. Casey.....	Sherburne.....	do	7,574	86,369
8	Tallette.....	Tallette	M. R. Sage	New Berlin.....	do	18,533	55,090

CHAUTAUQUA COUNTY—SHERMAN—(Concluded).

No.	NAME OF FACTORY	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
66	Nickel Plate.....	.....	Art Jaquins.....	Jaquins.....	Butter	74,711	.....
67	Sherman.....	Sherman.....	Wilkinson Gaddis & Co.	Newark, N. J.....	do	272,768	.....
68	Whitney.....	.....	W. B. Whitney.....	Sherman.....	do	259,616	.....
STOCKTON.							
69	Bear Creek.....	.....	Straight & Landar.....	Cassadaga.....	do	28,075	.....
70	Cassadaga.....	Cassadaga.....	E. C. Straight.....	do.....	do	50,000	.....
72	Lewis.....	.....	S. W. Lewis.....	Stockton.....	Cheese	.....	46,366
73	Moons.....	.....	I. N. Gamp.....	Moons.....	do	.....	66,141
	Scotch.....	.....	R. McCubbin.....	Stockton.....	do	.....	38,702
VILLENova.							
76	Maple Hill.....	Hamlet.....	Delos Tanner.....	Hamlet.....	do	.....	50,495
	South Dayton.....	.....	J. Dorsey.....	South Dayton.....	do	.....	73,690
77	Villanova.....	.....	H. S. Sweetland.....	Villanova.....	do	.....	79,410

CHEMUNG COUNTY.

Big Flats.

Big Flats Creamery.....	F. H. Luhrs.....	Big Flats.....	Butter	10,020
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ELMIRA.

7	Atwater.....	Elmira.....	W. G. Atwater.....	Elmira.....	do	84,355
9	Cowan.....	G. M. Cowan.....	do	do	3,000
11	Ellston.....	.....	M. S. Ellston.....	do	do	1,000	.....
8	Nichols.....	.....	H. W. Nichols.....	do	do	3,000	.....
10	Ronan.....	.....	Mike Ronan.....	do	do	2,160	.....

HORSEHEADS.

6	Home Farm Jersey ..	.....	Horseheads Cr'y Co.....	Horseheads	do	350,000	.....
	Oak Grove Creamery.	.....	R. G. Esenhart	do	B. & C.	108,704	90,000

CHENANGO COUNTY.

AFTON.

2	Afton Shipping Station	.....	Nickerson & Church	Afton	Butter	5,000	.....
	Star .....	.....	Tupper Bros.....	Center Village.....	do	12,000	.....

BAINBRIDGE.

4	Bainbridge	Bainbridge	C. C. Hovy & Co.....	Bainbridge	do	398,508	.....
3	Bainbridge Station..	do	Wm. A. Wright.....	197 Johnson st. B'klyn	do	1,500	.....
5	West Bainbridge.....	.....	Bentley & Clark.....	West Bainbridge.....	Cheese	.....	64,961

COLUMBUS.

6	Columbus	Columbus	E. A. Sage	New Berlin.....	B. & C.	59,799	54,140
7	Cottage	do	Wm. Casey	Sherburne.....	do	7,574	86,369
8	Tallette	Tallette	M. R. Sage	New Berlin.....	do	18,533	55,090

CHAUTAUQUA COUNTY—SHERMAN—(Concluded).

No.	NAME OF FACTORY	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
66	Nickel Plate.....	.....	Art Jaquins.....	Jaquins.....	Butter	74,711	.....
67	Sherman.....	Sherman.....	Wilkinson Gaddis & Co.	Newark, N. J.....	do	272,768	.....
68	Whitney.....	.....	W. B. Whitney.....	Sherman.....	do	259,616	.....
STOCKTON.							
69	Bear Creek.....	.....	Straight & Landar.....	Cassadaga.....	do	28,075	.....
70	Cassadaga.....	Cassadaga.....	E. C. Straight.....	do.....	do	50,000	.....
72	Lewis.....	.....	S. W. Lewis.....	Stockton.....	Cheese	.....	46,366
73	Moons.....	.....	I. N. Gamp.....	Moons.....	do	.....	66,141
	Scotch.....	.....	R. McCubbin.....	Stockton.....	do	.....	38,702
VILLENova.							
76	Maple Hill.....	Hamlet.....	Delos Tanner.....	Hamlet.....	do	.....	50,495
	South Dayton.....	.....	J. Dorsey.....	South Dayton.....	do	.....	73,690
77	Villanova.....	.....	H. S. Sweetland.....	Villanova.....	do	.....	79,410

CHEMUNG COUNTY.

Big Flats.

Big Flats Creamery.....	F. H. Luhrs.....	Big Flats.....	Butter	10,020
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ELMIRA.

7	Atwater.....	Elmira.....	W. G. Atwater.....	Elmira.....	do	34,955
9	Cowan.....	do	G. M. Cowan.....	do	do	3,000
11	Elliston.....	do	M. S. Elliston.....	do	do	1,000	.....
8	Nichols.....	do	H. W. Nichols.....	do	do	3,000	.....
10	Ronan.....	do	Mike Ronan.....	do	do	2,160	.....

HORSEHEADS.

6	Home Farm Jersey ..	Horseheads	Horseheads Cr'y Co.....	Horseheads	do	350,000	.....
	Oak Grove Creamery.	do	R. G. Esenhart.....	do	B. & C.	108,704	90,000

CHENANGO COUNTY.

AFTON.

2	Afton Shipping Station	Afton	Nickerson & Church.....	Afton	Butter	5,000	.....
	Star.....	Center Village.....	Tupper Bros.....	Center Village.....	do	12,000	.....

BAINBRIDGE.

4	Bainbridge.....	Bainbridge	C. C. Hovy & Co.....	Bainbridge	do	398,508	.....
3	Bainbridge Station..	do	Wm. A. Wright.....	197 Johnson st. B'klyn	do	1,500	.....
5	West Bainbridge.....	West Bainbridge.....	Bentley & Clark.....	West Bainbridge.....	Cheese	64,961	.....

COLUMBUS.

6	Columbus.....	Columbus	E. A. Sage.....	New Berlin.....	B. & C.	59,799	54,140
7	Cottage.....	do	Wm. Casey.....	Sherburne.....	do	7,574	86,369
8	Tallette.....	Tallette	M. R. Sage.....	New Berlin.....	do	18,533	55,090

LIST OF BUTTER AND CHEESE FACTORIES.

CHENANGO COUNTY—COVENTRY—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
9	Church .....	.....	Church Bros.....	Afton.....	B. & C.	4,054	23,444
10	Coventryville	Coventryville..	Clark Horton.....	do	do	12,458	36,919
11	Excelsior.....	Coventry	Parker Edgerton Co.	Coventry.....	Butter	135,097	.....
GERMAN.							
12	German Five Corners.....	.....	A. W. Page.....	Whitneys Pt.....	B. & C.	15,530	48,868
GREENE.							
21	Day Spring Ship. Sta.	Greene.....	Standard Milk Co.....	Brooklyn.....	Butter	10,000	.....
20	Empire State.....	.....	Chas. Rumph.....	Greene.....	Cheese	.....	10,500
19	Harbor.....	.....	H. C. Brockway	Richfield	B. & C.	1,650	95,901
18	Johnson .....	.....	L. A. Gross	Greene.....	Cheese	.....	90,760
17	Marcy .....	.....	do	do	do	.....	88,481
16	Page Brook .....	.....	Mrs. B. F. Osborne....	do	B. & C.	4,451	166,546
15	Robinson .....	.....	A. B. Robinson	do	Butter	100,000	.....
14	Stillwater Ship. Sta. ....	.....	Geo. Gostly	1470 1st ave. N. Y.	do	500	.....
13	Willard's Ship. Sta.	Chenango Fks.	Standard Milk Co.....	Brooklyn	B. & C.	48,000	6,000
GUILFORD							
22	Arctic .....	.....	York, Brown & Co.	Unadilla	do	4,697	23,314
	Guilford Ship. Sta. ....	.....	Mut. Milk Cr. Co.	New York.....	Butter	3,000	.....
	Mt. Upton Ship. Sta.	Mt. Upton	Empire State Dairy Co.	do	Cheese	.....	13,500
	Pine Grove Ship. Sta. ....	.....	Geo. Slaughter	Campbell Hall	B. & C.	10,000	20,000

26	Rockdale.....	Rockdale.....	J. H. Curtis.....	Rockdale.....	Butter	275,202	.....
27	Smith.....	Guilford.....	Lavern Smith.....	Guilford.....	B. & C.	2,349	15,021
28	North Guilford.....	do.....	L. Shelton.....	Norwich.....	Cheese	.....	61,675
29	Trestle.....	do.....	Mut. Milk Cr. Co.....	New York.....	B. & C.	8,000	86,400
LINCOLLAEN.							
30	Harrington.....	Lincklaen.....	E. F. Turner.....	Lincklaen.....	do	17,559	70,452
31	Lincklaen Centre.....	Lincklaen Cen.....	A. Harris.....	Lincklaen Centre.....	Cheese	.....	72,595
32	Mariposa.....	Mariposa.....	Curtis Kenyon.....	South Otselic.....	do	.....	46,436
McDONOUGH.							
33	McDonough.....	.....	C. H. Southard.....	East McDonough.....	do	.....	90,000
NEW BERLIN.							
35	Cold Spring.....	New Berlin.....	F. S. Ainsworth.....	Norwich.....	B. & C.	6,986	22,588
36	Elm Shade.....	do.....	Wm. Shaver.....	South New Berlin.....	Cheese	.....	35,542
	Holmesville Ship. Sta.....	Holmesville.....	Holmesville Dairy Co.....	Holmesville.....	B. & C.	3,850	6,300
	Latham's Ship. Sta.....	New Berlin.....	E. A. Sage.....	New Berlin.....	do	16,141	116,173
NORTH NORWICH.							
39	Holiday.....	North Norwich.....	Henry Holiday.....	Norwich.....	do	18,800	75,200
	N. Norwich Ship. Sta.....	Galena.....	E. A. Sage.....	New Berlin.....	Cheese	.....	63,714
NORWICH.							
41	Greenfield.....	.....	Freed & Green.....	Whitestore.....	Butter	11,907	.....
	Haynes Ship. Sta.....	Haynes.....	Dresser & Hard.....	Haynes.....	do	70,000	.....
43	Lyon Brook & Star.....	Norwich.....	Olin P. Phetteplace.....	Norwich.....	B. & C.	30,276	131,495
44	do No. 2.....	do.....	Mahlow Phetteplace.....	do.....	do	10,299	46,782
	Rushmores Ship. Sta.....	do.....	M. V. Carr.....	do.....	Butter	28,763	.....
46	Wood's Corners.....	do.....	O. A. Wetherly.....	do.....	Cheese	.....	85,000
	Wood's Cor's Spg. Sta.....	do.....	Jay McDaniels.....	do.....	B. & C.	6,139	8,066

CHENANGO COUNTY—OTSSELIC—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
48	Beaver Meadow.....	Beaver Meadow	W. A. Webb.....	Beaver Meadow.....	Cheese	.....	89,062
49	Otselic .....	.....	Frank E. Brown.....	Otselic	B. & C.	33,061	136,073
50	South Otselic.....	So. Otselic	H. C. Sutton.....	South Otselic.....	do	10,633	132,423
OXFORD.							
	Coventry Ship. Sta....	.....	Tri-State Dairy Co.....	889 2nd ave., N. Y....	do	1,980	4,500
53	Hull .....	.....	A. P. Stanton.....	So. Oxford.....	do	28,195	103,083
54	Oxford .....	.....	N. Y. Cond. Milk Co....	New York.....	Butter	23,000	.....
	Robinson's Mills Sta.	.....	Tri-State Dairy Co.....	New York.....	B. & C.	1,800	6,000
56	Stone .....	.....	C. M. Stone.....	Oxford	do	17,465	65,926
PHARSALIA.							
57	Davis.....	.....	Geo. W. Davis	Pharsalia	do	3,550	50,267
58	Deer Lake.....	.....	Orville Spicer.....	North Pharsalia.....	Cheese	.....	84,659
59	Mill Brook.	East Pharsalia.	C. H. Southard.....	East McDonough....	do	.....	68,450
PITCHER.							
60	North Pitcher.....	.....	M. A. Newton.....	North Pitcher.....	do	.....	72,797
61	Union Valley.....	Union Valley	I. D. Hughes.....	Union Valley... ..	B. & C.	28,372	114,261
62	Wheeler.....	.....	B. H. Wheeler.....	Cortland.....	do	18,052	50,483

LIST OF BUTTER AND CHEESE FACTORIES.

31

PLYMOUTH.

63	Borden.....	Plymouth.....	H. J. Borden.....	Plymouth.....	do	10,861	201,781
64	Kirk.....	Kirk.....	do	do	do	2,774	65,506
65	Shamrock and Thistle	Plymouth.....	Burns & Bixby.....	Norwich.....	do	30,600	7,500
66	South Plymouth.....	So. Plymouth..	C. M. Dickinson.....	South Plymouth.....	Cheese		73,156

PRESTON.

	Empire.....	Preston.....	B. E. Holcomb.....	Oxford.....	do		96,816
68	Preston.....	Preston Corners	C. H. Southard.....	East McDonough.....	do		85,000

SHERBURNE.

	Baldwin Ship. Sta.....	.....	Wm. Preston.....	Earlville.....	Butter	13,500	
75	Harrisville.....	.....	A. H. Dart.....	Sherburne.....	Cheese		11,107
74	Hillside.....	.....	Andrew Gehan.....	do	B. & C	1,412	59,834
73	Loomis.....	.....	C. E. Loomis.....	do	Cheese		17,455
72	Robinson.....	.....	Grover Robinson.....	do	B. & C.	15,301	72,433
71	Todd.....	.....	Wilcox Sage.....	do	Cheese		64,000
70	Union.....	.....	George H. Holt.....	do	do		53,110

SMITHVILLE.

80	Benedict.....	Smithville.....	George Hotchkiss.....	Brislin.....	B. & C.	11,550	33,576
79	Cowles.....	.....	George D. Cowles.....	Greene.....	do	3,837	48,063
78	Deer Spring.....	.....	G. C. Stiles.....	Tyner.....	do	1,103	41,489
77	Smithville Centre.....	.....	C. H. Southard.....	East McDonough.....	Cheese		45,000
76	Smithville Flats.....	Smithville Flats	do	do	do		60,000

SMYRNA.

86	Billings.....	.....	A. S. Hay.....	Earlville.....	B. & C.	29,102	46,188
85	Pleasant Brook.....	.....	McDermott & Bunker.....	New York.....	Cheese		67,500
84	Reynolds.....	.....	W. S. Reynolds.....	Smyrna.....	do		15,905

LIST OF BUTTER AND CHEESE FACTORIES.

CHENANGO COUNTY—SMYRNA—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
83	Sherburne Four Cor's	Sherburne Four Corners....	W. C. Pierce	Sherburne Four Cors..	B. & C.	9,850	41,760
82	Smyrna Hill.....	Smyrna.....	George W. Crumb	Smyrna.....	Cheese	.....	45,017
	Smyrna Ship. Sta ...	do	McDermott & Banger ..	527 W. 38th st., N. Y.	B. & C.	15,000	45,060

CLINTON COUNTY.

ALTONA.

Altona	A. D. Boomhower.....	Plattsburgh	Butter	44,371|.....
13 Irona	Homer Brooks.....	Irona	do	72,000|.....
12 Rockside	Trombly Bros.....	do	do	63,467|.....

BEEKMANTOWN.

23 Beekmantown.	Tohee & McGaulley....	Beekmantown.....	do	52,500|.....
24 Lake Side.	Chellis Bros.....	Point Au Rock.....	do	28,826|.....
25 McGaulley	P. McGaulley	West Beekmantown..	do	32,107

CHAMPLAIN.

17 Champlain	Homer Brooks.....	Irona	do	50,000
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CHAZY.

Crystal Spring.....	West Chazy.....	Wm. McGualley.....	West Chazy.....	do	200,404
Dunn	S. Gordon.....	Chazy.....	do	11,500

CLINTON.

30 Churubusco.....	Churubusco.....	A. D. Boomhower.....	Plattsburgh.....	do	31,545
Marble River.....	.....	F. B. Humphrey & Co.....	Churubusco.....	do	101,209
31 Valley Spring.....	Churubusco.....	do	do	do	63,303

DANNEMORA.

26 Dannemora.....	Shiff & Kunan.....	Dannemora.....	do	40,656
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ELLENBURG.

Ellenburg.....	Homer Brooks.....	Irona.....	do	70,000
9 Ellenburg Centre.....	Hutchins & Harris.....	Ellenburg Centre.....	do	38,406
6 Ellenburg Depot.....	.....	A. D. Boomhower.....	Plattsburgh.....	do	21,708
Green Valley.....	.....	F. B. Humphrey.....	Churubusco.....	do	52,203
Maple Grove.....	.....	Geo. McGregor.....	Ellenburg Depot.....	do	10,515
Silver Spring.....	Ellenburg Cen.....	Wm. McGualley.....	Ellenburg Centre.....	do	59,991
West Hill.....	.....	Houghran & Fifield.....	do	do	150,601

MOOERS.

15 Cannon Factory.....	.....	Cannon & Boomhower.....	Mooers Forks.....	do	34,903
16 Conner's Corners.....	.....	Sam'l Cannon.....	do	do	34,903
English River.....	.....	Mooers Forks.....	Plattsburgh	do	34,756
Fitch Bros.....	.....	Fitch Bros.....	Mooers	do	98,000
Oxford.....	.....	Homer Brooks.....	Irona.....	do	45,000

CLINTON COUNTY—PERU—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
3	Adirondack.....	.....	F. P. McGauley.....	Laphams.....	Butter	37,216	.....
3	Peru.....	.....	A. D. Boomhower.....	Plattsburg.....	B. & C.	22,353	99,340
4	Smithdale.....	.....	do.....	do.....	Cheese	.....	49,668
PLATTSBURG.							
2	West Plattsburg.....	W. Plattsburg.	A. D. Boomhower.....	do.....	Butter	34,434	.....
SARANAC.							
27	Redford.....	Redford.....	P. Hardon.....	Clayburg.....	do	16,157	.....
28	Saranac.....	.....	Dan Lyons.....	Saranac.....	do	24,112	.....
COLUMBIA COUNTY.							
CANAAH.							
1	Finney's.....	State L., Mass.	Fred Finney.....	State Line, Mass.....	Butter	12,000	.....

CORTLAND COUNTY.

CINCINNATUS.

16	Dame White.....	D. S. White.....	Cincinnati.....	B. & C.	25,000	20,084
59	Tillinghast.....	Wilber Holmes.....	do.....	do	16,260	16,902

CORTLANDVILLE.

46	Blodgetts Mills U'n ..	Blodgetts Mills.	Jos. Laemmle	202 Blecker st., N. Y.	do	12,900	48,000
	Bosch Shipping Sta..	.....	John Bosch & Son....	163 Ellery st., H'boken.	do	10,500	16,000
8	Cole Spring	So. Cortland.....	C. A. Moore.....	South Cortland.....	Butter	25,000	.....
5	Crystal Spring.....	McGrawville	Maybury & Kenfield..	McGrawville	Cheese	.....	63,058
4	East Side .....	.....	E. C. Rindge	Cortland	B. & C.	5,000	1,500
7	Sears .....	.....	F. H. Sears	do	Cheese	.....	66,949

CUYLER.

44	Cuyler	Standard Butter Co....	Owego.....	Butter	11,011	.....
45	Cuyler Hill.....	W. G. Gardner.....	Cuyler.....	B. & C.	13,383	42,294
	Cuyler Shipping Sta..	.....	do	do	13,862	6,766
58	Keeney Settlement ..	Keeney	Milestrip.....	Cheese	.....	10,452
57	Patrick's .....	.....	Cuyler.....	do	.....	18,488

FREETOWN.

	Crittenden	East Freetown.....	L. H. Mathews.....	East Freetown.....	B. & C.	6,737	91,300
21	Freetown	Freetown	A. A. Watrous	Freetown Corners...	Butter	71,235	.....
29	Maple Wood Place..	East Freetown.....	Wm. H. Caldwell.....	East Freetown.....	do	20,047	.....
9	Maple Shade.....	Texas Valley.....	L. L. Harvey.....	Texas	do	39,620	.....

CORTLAND COUNTY—HARFORD—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
33	Harford.....	.....	John Blumers.....	535 E. 75th St., N. Y.	Cheese	.....	143,390
34	Harford Mills.....	Harford Mills.	A. N. Jennings.....	Harford.....	Butter	17,045	.....
	Harford Ship. Sta.....	.....	A. H. Dolfinger.....	1534 So. 16th St., Phil.	do	5,600	.....
56	Trout Brook.....	.....	Wm. R. Rickett.....	Harford Mills	do	7,200	.....
HOMER.							
37	East Homer.....	East Homer.	Standard Butter Co.....	Owego.....	do	136,938	.....
	East Homer Ship. Sta.	do	Henry Rauch.....	20 Garden St Brookl'n	B. & C.	2,880	753
33	East River.....	East River...	Standard Butter Co.....	Owego.....	Butter	97,662	.....
	Island .....	.....	Chas Knapp.....	East Homer	do	13,103	.....
	Homer Ship. Sta.....	.....	W. R. Briggs.....	Homer.....	do	1,200	.....
3	Homer West Hill.....	.....	J S. McMaster.....	do	Cheese	.....	82,745
	Little York Station..	Little York.	W. W. Briggs.....	Little York.....	Butter	35,870	.....
LAPEER.							
55	House .....	.....	O. A. & J. H. House...	Marathon	Cheese	.....	169,580
	Hunts Corners.....	Hunts Corners.	Smith & Zimmer.....	Newark Valley.....	Butter	37,500	.....
54	Tarbox.....	.....	Adelbert Tarbox.....	Marathon	Cheese	.....	8,475

MARATHON

14	Kesler's	Marathon	Chauncey Keeler	do	238 E. Houston St., N.Y.	B. & C.	.....	69,201
	Marathon		H. F. Hunterman	do	238 E. Houston St., N.Y.	B. & C.	4,000	4,000
58	Meacham		C. D. Meacham	Marathon	Marathon	Cheese	.....	53,013
13	Wightman's		Homer Wightman	do	do	do	.....	34,119

PREBLE.

1	Preble Ship. Sta.	Preble	John Bosch & Sons	163 Ellery St., Hobo'n	B. & C.	4,675	3,150
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SCOTT.

19	Scott	Scott	H. E. J. Potter	Scott	Cheese	122,218
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SOLON.

30	Bear Spring	Solon	A. C. Clark	Solon	B. & C	760	3,964
28	Maple Grove		George E. Dodd	Truxton	Cheese	37,098
27	North Solon		C. W. Ellis	McGrawville	do	.....	.....	55,250
	South Solon Valley		H. Martin	do	B. & C.	.....	26,832	136,063

TAYLOR.

23	Hawley		Wilson Hawley	Taylor Valley	do	.....	10,342	47,535
24	Spring Brook		Wight Bros	Cincinnati	do	.....	17,200	68,926
25	Taylor		Isaiah Baldwin	Taylor	Cheese	.....	.....	57,871
22	Taylor Centre	Taylor Centre	L. L. Blancher	Taylor Centre	B. & C.	.....	23,884	95,401

TRUXTON.

41	Curtis	Chenango	Albert Curtis	Chenango	Cheese	.....	.....	44,979
	Dairyman's Union		Wm Baldwin	Truxton	do	.....	.....	197,880
	McAdam Ship. Sta.		Wm. McAdam	do	B. & C.	.....	900	24,575
42	Truxton		Standard Butter Co.	Owego	Butter	.....	102,793	.....
	Truxton Ship. Sta.		F. A. Stanard	Truxton	do	.....	8,880	.....

CORTLAND COUNTY—VIRGIL—(*Concluded*).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
13	Messengerville	Messengerville.	Voigt Bros.....	431 E. 12th st., N. Y..	B. & C.	3,000	49,000
	Virgil Spring	Virgil	D. E. Stillman.....	Virgil	do	61,924	32,618
WILLETT.							
17	Belknap.....	.....	J. M. Belknap	Willett	do	781	50,850
10	Hollenbeck .....	.....	Seymour Hollenbeck ..	Texas Valley.....	Cheese	.....	32,892
11	Otselic Valley .....	.....	Chas A. Rocks.....	Upper Lisle	do	.....	55,179
15	Willett.....	.....	W. B. Beardsley	Willett	B. & C.	15,867	73,658
DELAWARE COUNTY.							
COLCHESTER.							
	Downsville.....	Downsville....	C. P. Root	Gilbertsville.....	Butter	197,075	.....
DAVENPORT.							
	Davenport Centre....	.....	do	do	B. & C.	69,425	118,520
FRANKLIN.							
	Cold Spring	Treadwell	William Springer.....	Treadwell	do	30,000	50,000
	Del. Co. Butter Co ..	.....	Myron J. Terry	Leonta.....	Butter	110,000	.....
	Franklin .....	.....	Hoag & Merrill	Franklin	do	68,400	.....
	Handsome Brook....	Treadwell....	William Springer.....	Treadwell	B. & C.	30,000	50,000

HAMDEN.

Terry Clove Centre..	Delancey	C. P. Root	Gilbertsville.....	Butter	10,417
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MASONVILLE.

E. Masonville.....	E. Masonville..	W. A. Gifford.....	Masonville	do	60,000
E. Masonville.....	do	Fred W. Smith.....	do	do	121,473

SIDNEY.

Sidney Centre	Sidney Centre..	Root & Manger	Gilbertsville.....	B. & C.	18,000	36,600
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TOMPKINS.

Cannonsville.....	Cannonsville...	Geo. A. Hathaway	Afton	Butter	51,164	
Gannanissa	Trout Creek...	John H. Curtis	Rockdale	B. & C.	119,783	5,992
Rock Royal	Rockroyal ...	David W. Lewis	Rock Royal	Butter |	115,210|.....	
Up The Glen	Loomis	do	do	do	70,768	

DUTCHESS COUNTY.

LA GRANGE.

La Grange.....	H. R. Hoyt.....	Poughkeepsie.....	do	105,748
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PLEASANT VALLEY.

Salt Point.....	Salt Point.....	J. C. Soulder	Salt Point.....	do	59,714
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ERIE COUNTY.

ALDEN.

Progressive.....	Alden	Geo. Roll	Alden	do	32,000
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LIST OF BUTTER AND CHEESE FACTORIES.

ERIE COUNTY—AURORA—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
	Blakely		Richardson, Beebe & Co.	East Aurora	Butter	62,306	.....
	BOSTON.						
	Boston		Fred. Mersman	Buffalo	B. & C.	3,000	70,733
6	Lehning & Wohlweler		Lehning & Wohlweler	Golden	Cheese	.....	44,878
4	North Boston	North Boston	Willis Jefferson	North Boston	do	.....	62,424
	CLARENCE.						
7	Clarence Centre		Thos. Lewis	Clarence Centre	Butter	118,640	.....
	COLLINS.						
	Clear Creek	Collins Centre.	J. C. Brigham	Collins Centre	Cheese	.....	150,000
12	Collins No. 1		S. D. Vance	East Concord	do	.....	45,826
13	Erie No. 1		Geo. Carr	Collins	do	.....	69,644
14	Prairie Queen		I. A. M. Skuse	Collins Centre	do	.....	150,000
10	Ross No. 3		E. R. Ross	Gowanda	do	.....	60,331
11	Scrabble Hill		S. D. Vance	East Concord	do	.....	37,205
	GOLDEN.						
31	Golden Centre		Richardson-Beebe Co. ..	East Aurora	do	.....	48,104
32	Glenwood		S. D. Vance	East Concord	do	.....	69,650
29	North Golden		Richardson-Beebe Co. ..	East Aurora	do	.....	28,466
30	South Golden		do do ...	do	B. & C.	8,419	82,418

CONCORD.

18	Dye.....	J. W. Clair.....	Springville.....	Cheese.....	81,500
21	East Concord.....	S. D. Vance.....	East Concord.....	do.....	137,287
24	East Concord No. 2..	do.....	do.....	do.....	55,953
27	New Oregon.....	do.....	do.....	do.....	70,282
25	Pike.....	do.....	do.....	do.....	54,069
19	Springville.....	J. W. Clair.....	Springville.....	do.....	175,000
17	Tefft.....	do.....	do.....	do.....	51,900
16	Townsend Hill.....	do.....	do.....	do.....	96,500
20	West Branch.....	S. D. Vance.....	East Concord.....	do.....	34,764
22	West Concord.....	do.....	do.....	do.....	98,637
15	Woodside.....	T. E. Moore.....	Mortons Corners.....	do.....	94,764
23	Wyandall.....	S. D. Vance.....	East Concord.....	do.....	63,019

EDEN.

36	Eden.....	Fred. Mersman.....	Buffalo.....	B. & C.....	26,000
34	Eden Center No. 1..	M. Hasselback.....	do.....	Cheese.....	74,425
35	Eden Center No. 2..	do.....	do.....	B. & C.....	56,358
37	Eden Valley.....	Fred. Mersman.....	do.....	do.....	18,000

GRAND ISLAND.

Grand Island.....	John H. Grelinger.....	Inland.....	Butter.....	54,205
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HAMBURG.

39	Hamburg.....	Fred. Mersman.....	Buffalo.....	B. & C.....	22,000
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HOLLAND.

42	East Holland.....	Richardson-Beebe Co...	East Aurora.....	Butter.....	75,020
41	Holland.....	do.....	do.....	do.....	90,890
40	Protection.....	do.....	do.....	Cheese.....	84,781

LIST OF BUTTER AND CHEESE FACTORIES.

ERIE COUNTY—MARILLA—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is,	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
43	Porterville.....	Porterville	Richardson-Beebe Co...	East Aurora.....	Butter	86,134	.....
NEWSTEAD.							
	Akron Creamery Co.	Akron	Jos. M. Robinson.....	Akron	do	41,069	.....
NORTH COLLINS.							
45	Clear Creek No. 2....	Marshfield	J. C. Brigham.....	Collins Centre.....	Cheese	.....	110,000
47	Langford .....	.....	S. D. Vance.....	East Concord	do	.....	104,354
46	Marshfield..	.....	do	do	do	.....	25,060
48	Tabor.....	.....	do	do	do	.....	85,051
SARDINIA.							
54	Chaffee.....	.....	E. F. Farrington.....	Franklinville.....	do	.....	125,000
56	Cloverland .....	.....	J. S. Simons	Sardinia	do	.....	110,498
57	Cloverland No. 2....	.....	do	do	do	.....	27,607
50	Henshaw .....	.....	J. W. Clair.....	Springville.....	do	.....	62,000
53	Matison.....	.....	E. H. Farrington.....	Franklinville.....	do	.....	134,000
55	Newton.....	.....	do	do	do	.....	42,000
52	Richmond .....	.....	J. W. Clair.....	Springville.....	do	.....	40,400
51	Ryder .....	.....	do	do	do	.....	66,500

WALES.

60	Hunter Creek.....	Richardson-Beebe Co....	East Aurora.....	Butter	119,155
59	Wales.....	do	do	do	80,572
58	Wales Center.....	do	do	do	52,296

ESSEX COUNTY.

WILSBOROUGH.

1	Adirondack.....	A. D. Smith.....	Willsboro Pt.....	do	11,322
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FRANKLIN COUNTY.

BANGOR.

1	Adirondack.....	I. P. Carpenter.....	Bangor.....	do	43,531
	Burr.....	W. B. Burr.....	do	do	42,357
	Central.....	Geo. DeLong.....	North Bangor.....	do	30,434
2	Donaldson.....	I. P. Potter.....	West Bangor.....	do	49,367
	Franklin.....	O. Harrington.....	North Bangor.....	do	73,693
3	Jenkins.....	H. A. Jenkins.....	Brushton.....	do	51,930
	Spring Water.....	B. C. Rockwell.....	West Bangor.....	do	54,545

BELLMONT.

	Belmont Center.....	E. M. Kelly & Son.....	Burke.....	do	32,266
9	Brainardville.....	Reynolds & Chase.....	Brainardville.....	do	79,669
8	West Belmont.....	W. H. Foster, Jr.....	Malone.....	do	55,235

BOMBAY.

11	Clark & Ross.....	E. O. Forks.....	Fort Covington.....	do	80,000
12	Hogansburg.....	M. J. Crowley.....	Hogansburg.....	Cheese	98,550
	McKenna.....	W. H. McKenna.....	Bombay.....	Butter	212,000

FRANKLIN COUNTY—BRANDON—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod- uct manu- factured at this fac- tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
14	Skerry	Skerry	G. A. Lane	Skerry	Butter	39,884	.....
BURKE.							
15	Arctic .....	.....	F. C. Ketcham	Burke	do	69,884	.....
	Darlings .....	.....	Eli Darling	do	do	57,270	.....
16	Elm Grove .....	.....	R. N. Bassett	do	do	45,000	.....
19	Fay .....	.....	A. H. Fay	East Constable	do	45,699	.....
17	Jordon	Sun	Jordon Bros	Sun	do	28,714	.....
18	Rosedale .....	.....	J. P. Toland	Burke	Cheese	.....	63,358
	Wentworth .....	.....	Emma W. Fay	Malone	Butter	72,000	.....
CHATEAUGAY.							
20	Amber .....	.....	Tolhurst & Ryan	Chateaugay	do	53,798	.....
21	Bailey Spring .....	.....	A. M. Bennett	do	do	25,720	.....
	Chasm Falls .....	.....	R. H. Kimpton	Whippleville	do	16,592	.....
	Maple Street .....	.....	C. C. Douglas	Chateaugay	do	114,250	.....
	River Street .....	.....	A. W. Miller	do	do	60,000	.....
	Buntley's .....	.....	Buntley & Shutts	do	B. & C.	120,000	75,600
CONSTABLE.							
24	Constable .....	.....	Wilson & Harnden	East Constable	Butter	45,735	.....

DICKINSON.

26	S. H. Burnap	Alburg	S. H. Burnap	Alburg	61,929
	Cold Spring		Jay Dawson	Dickinson	28,308
	G. H. Taylor		C. H. Taylor	East Dickinson	77,613

FT. COVINGTON.

29	Gold Coin		Gold Coin Cream'y. Co.	Ft. Covington	70,000
	Salmon		E. O. Forbes	do	120,000

MALONE

30	Berry		M. F. Berry	Fay	31,805
31	Excelsior		F. R. Williamson	Malone	36,300
32	Keeler		S. A. Childs	do	40,881
	Malone		L. H. Lester	do	52,280

MOIRA.

35	Cold Well		D. W. Westcott	Moira	34,264
36	Crystal		Taylor & Joyce	do	50,504
	Gilt Edge		Styles & Drake	do	30,140
37	J. H. Griffin		J. H. Griffin	do	64,933
	Silver Spring		B. O'Connor	do	65,300

WESTVILLE.

39	Crystal Spring	Westville Cen.	J. W. Rowley	Westville Center	67,362
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LIST OF BUTTER AND CHEESE FACTORIES.

FULTON COUNTY.
CITY OF JOHNSTOWN.

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
	Crown.....		Chas. O. Cross.....	Johnstown.....	Butter	38,000.....	
4	Zimmerman Creek....		Eugene Failing.....	St. Johnsville.....	Cheese.....		33,886

OPPENHEIM.

GENESEE COUNTY.

ALEXANDER.

1 | Excelsior..... | | M. D. Winchester..... | Attica..... | do | | 47,000

BERGER.

4 | Cold Spring..... | | F. W. Fanson..... | Berger..... | Butter | 54,481 | |

BYRON.

3 | Byron..... | | H. C. Norton..... | Byron..... | Cheese | | 38,000

ELBA.

5 | Elba..... | | W. H. Parker..... | Elba..... | Butter | 42,376 | |

LE ROY.

2 | Beechnut..... | | John F. Hager..... | LeRoy..... | do | 61,793 | |

HERKIMER COUNTY.

COLUMBIA.

51	Columbia Center	Columbia Cen.	N. J. Harder.	Columbia	Cheese	101,000
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DANUBE.

23	Elm Grove.	Fayette Wagoner.	Minden	do	20,618
25	Hickory Grove.	Wm. F. Mansen.	Little Falls	do	13,880
21	Newville.	Zoller & Cagwin.	Newville.	do	215,854

FAIRFIELD.

96	Bartow Hill.	J. W. Ford.	Fairfield	do	109,795
99	Davis, A.	Chas. C. Davis.	Little Falls	do	26,629
91	Fairfield Central.	Alex. McKerrow.	Middleville.	do	110,073
97	Fairfield Dairy Ass'n	T. Atkins.	Little Falls.	do	200,034
100	Keller, A.	Willard Keller.	do	do	65,500
	Kilts	Mrs. P. Kilts.	do	B. & C.	4,000
93	La Rue	T. A. La Rue.	do	Cheese	65,000
	Mather, A. B.	D. S. Willoughby	Norway	do	54,310
90	Middleville	A. W. Ford	Middleville.	do	213,991
	North Fairfield.	J. Willoughby	Fairfield	do	44,450
92	Old Fairfield.	J. C. Rice.	do	do	285,572

FRANKFORT.

71	E. E. Jones.	E. E. Jones.	Center.	do	173,641
70	Gilt Edge.	E. C. Hall.	Frankfort.	do	45,746

HERKIMER COUNTY—GERMAN FLATS—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod- uct manu- factured at this fac- tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
39	Fulmer Creek.....	Mohawk.....	A. R. Petrie.....	Mohawk.....	Cheese	.....	62,000
40	Morts.....		Jno. L. Morts.....	do	do	.....	36,000
41	Pain's Hollow.....		G. H. Van Slyke.....	Edick.....	do	.....	121,252
43	Rising Star.....		N. H. Conrad.....	German Flats.....	do	.....	84,252
HERKIMER.							
76	Countryman.....		G. Veitch.....	Herkimer.....	do	.....	76,440
78	Herkimer.....		Wm. Kreuger.....	do	do	.....	38,113
75	Kast Bridge.....		Alvin Countryman....	Countryman.....	do	.....	128,654
74	Nellis.....		H. E. Nellis.....	Herkimer.....	do	.....	38,307
79	Shell's Bush.....		Ira L. Jones.....	do	do	.....	95,000
77	Small's Bush.....	Small's Bush...	Adam Casler.....	Little Falls.....	do	.....	81,631
	Spring Side.....		Will E. Kay.....	Herkimer.....	Butter	10,600	.....
LITCHFIELD.							
65	Cedar Lake.....		J. L. Carver.....	Litchfield.....	Cheese	.....	93,171
66	Cedarville.....		Grant Hollenbeck.....	Cedarville.....	do	.....	140,921
68	Gulph.....		Jas. Donohoe.....	Gulph.....	do	.....	136,693
67	No. Litchfield.....		H. H. Davis.....	No. Litchfield.....	do	.....	117,964
	No. Winfield.....		C. T. Wheelock.....	No. Winfield.....	do	.....	156,720
69	Quinlaven.....		T. B. Quinlaven.....	Litchfield.....	do	.....	132,000

LIST OF BUTTER AND CHEESE FACTORIES.

49

LITTLE FALLS.

101 Burt Grove.....	Ward Wakiman.....	Little Falls.....	do	47,112
105 Clover Valley.....	C. A. Ford.....	do	do	115,007
Eatonville.....	W. Dapron.....	do	do	217,000
106 Hill.....	L. G. Rankin.....	do	do	118,000
Little Falls Ass'n.....	Edwd. Sumers.....	do	do	84,483
107 Mohawk Valley.....	Seaman Tarbin.....	do	do	60,000

MANHEIM.

9 Brockert & Carley....	Dolgeville.....	Dolgeville.....	do	30,000
10 Cook, J. J.....	.....	Little Falls.....	do	71,000
7 Manheim Cold Spring	.....	do	do	80,000
5 New Manheim.....	Geo. V. Jones.....	do	do	135,000
Old Manheim.....	Jos. Rice.....	Manheim.....	do	116,689
Peck, Wm.....	Wm. Peck.....	Salisbury.....	do	34,360
Ransome, C. W.....	C. W. Ransome.....	Dolgeville.....	do	40,000
6 Snell's Bush.....	Jacob Zoller.....	Little Falls.....	do	87,730

NEWPORT.

82 Banner.....	.....	Newport.....	B. & C.	37,282
83 Clover Leaf.....	.....	do	do	150,000
81 Hassenclover.....	.....	do	Cheese	161,000
84 Newport Hill.....	Poland.....	do	do	90,000
Ruby.....	.....	do	do	130,000
86 Shed Brook.....	do	do	do	56,945
Sterling Creek.....	.....	do	do	81,398
87 999.....	Middleville.....	Middleville.....	B. & C.	12,308
	.....	.....	.....	51,753

NORWAY.

34 Black Creek.....	.....	Gray.....	Cheese	30,000
37 Gray.....	Gray.....	do	do	37,000

HERKIMER COUNTY—NORWAY—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
35	Murphy, J. C.		J. C. Murphy.	Norway.	Cheese	.....	36,363
33	Norway		H. C. Nichols.	do	do	.....	200,000
32	Norway Ass'n.		Frank Quick	Newport.	B. & C.	2,787	120,466
36	Weston & Tompkins.		Chas. Tompkins.	Gray	Cheese	.....	15,000
31	White Creek		John Baird.	Newport.	do	.....	178,000
OHIO.							
	Old Ohio.		T. E. Curtis.	Ohio	B. & C.	300	62,500
RUSSIA.							
15	Carpenter.		E. L. Carpenter.	Russia	Cheese	.....	91,000
11	Cold Brook.		E. D. Connor.	Cold Brook	do	.....	75,000
	Fisher		J. H. Fisher.	do	do	.....	23,800
18	Haischey, G.		E. H. Hughes.	Gravesville.	do	.....	63,183
13	Lanning		W. B. Lanning.	Russia.	do	.....	62,744
12	McArthur, D.		D. McArthur.	Grant.	do	.....	51,067
17	Moore, Miles.		Miles Moore.	Russia.	do	.....	100,000
20	Poland		J. B. Read.	Poland	B. & C.	12,900	45,000
SALISBURY.							
2	Avery & Ives		R. H. Strough.	Salisbury Centre.	Cheese.	.....	47,000
1	Cold Creek		Isaac Fox.	Dolgeville.	do	.....	48,000
4	Old Salisbury		E. S. Burrell.	New York City.	do	.....	116,432

SCHUYLER.

44	East Schuyler.....	S. P. Lints, Jr.....	East Schuyler.....	do	174, 711
46	Schuyler Centennial..	W. V. Minott.....	Minott.....	do	110, 000
48	West Schuyler.....	J. M. Budlong.....	West Schuyler.....	do	152, 868

STARK.

29	Bush.....	Loddwick Springer.....	Van Hornesville.....	do	112, 885
26	Cramer's Corners.....	C. N. Smith.....	Fort Plain.....	do	87, 100
30	Staring.....	Gilbert Staring.....	Deck.....	do	40, 000
28	Whipple.....	Van Hornesville.....	Van Hornesville.....	do	110, 715

WARREN.

55	Caswells Corners.....	J. Eckler.....	Caswells Corners.....	do	10, 500
56	Crane's Corners.....	Jordanville.....	Jordanville.....	do	79, 002
	Dividing Ridge.....	do.....	do.....	do	32, 869
58	Henderson Ass'n.....	do.....	do.....	do	77, 972
59	Jordanville.....	do.....	do.....	do	62, 062

JEFFERSON COUNTY.

ADAMS.

77	Adams Village.....	H. J. Allen.....	Adams.....	do	125, 345
	Bridge.....	D. D. Cool.....	do.....	do	50, 317
78	Maxon.....	P. S. Maxon.....	Adams Centre.....	B. & C.	67, 963
80	Muzzy.....	F. M. & J. B. Muzzy.....	Smithville.....	Cheese	110, 510
79	North Adams.....	E. D. Halloway.....	Adams Centre.....	do	57, 943

LIST OF BUTTER AND CHEESE FACTORIES.

JEFFERSON COUNTY—ALEXANDRIA—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
50	Bickelhaupt's Comb.		A. Bickelhaupt	Redwood	Cheese	54,638	
45	Bickelhaupt's Comb.		do	do	do	60,144	
40	Bickelhaupt's Comb.		do	do	do	41,832	
	Bickelhaupt's Comb.		do	do	do	38,180	
48	Bickelhaupt's Comb.		do	do	do	80,444	
42	Cold Brook	La Fargeville	W. S. Dollinger	Omar	do	84,788	
52	Cold Spring	Redwood	C. A. Overacker	Redwood	do	104,550	
	Columbian	Wells Island	Wm. Kepler	Alexandria Bay	do	52,675	
43	Flat Rock	Plessis	C. S. Walts	Plessis	do	100,595	
47	Point Vivian	Alexandria Bay	R. J. Northup	Alexandria Bay	do	65,000	
51	Springer	Redwood	R. R. Kirkland	Redwood	do	92,603	
54	Thistle Factory		do	do	do	70,900	
44	George Zimmer	Plessis	H. Leonhardt	Plessis	do	43,900	
ANTWERP.							
133	F. X. Baumert & Co.		F. X. Baumert & Co.	Antwerp	B. & C.	103,207	1,500,000
127	Brown		M. Gebler	Philadelphia	Cheese		70,000
	East Antwerp		James Stewart	Antwerp	do		65,750

130	Gleason.....	M. Gebler.....	Philadelphia.....	do	55,000
125	Hillside.....	C. O. Brian.....	Theresa.....	do	130,750
132	Klondike.....	Peter Weber.....	Antwerp.....	do	115,000
131	Riverside.....	J. P. Carpenter & Son.....	Ox Bow.....	do	190,480
128	Spring Valley.....	W. S. Keyes.....	Philadelphia.....	do	106,231
134	Star.....	A. O. Pennington.....	Antwerp.....	do	133,066

BROWNVILLE.

4	Bay View.....	Pillar Point.....	Dexter.....	do	50,000
	Brownville.....	J. A. Elliott.....	Watertown.....	do	65,814
	Central.....	C. C. Mearns.....	Pillar Point.....	do	71,746
6	Excelsior.....	Geo. W. Northup.....	Perch River.....	do	65,947
5	Perry's.....	L. S. Perry.....	Limerick.....	do	40,730
	Pillar Point Union.....	M. Timmerman.....	Dexter.....	do	72,828

CAPE VINCENT.

11	Fox Creek.....	Hentz & Wilcox.....	Three-Mile Bay.....	do	76,597
14	Roslere.....	Peter Zimmerman.....	Roslere.....	do	71,646
15	Warren Settlement.....	Louis Coonaire.....	do	do	50,335

CHAMPION.

	Champion Village.....	F. R. Knowles.....	Champion.....	do	167,692
	Hadsell & Moore.....	A. W. Hadsell.....	Black River.....	do	101,000
113	McNitt Bros.....	F. M. McNitt.....	Copenhagen.....	do	95,000
112	O. K.....	F. A. Knapp.....	Great Bend.....	do	73,551
	Sanford's Corners.....	F. X. Baumert.....	26 Avenue A, N. Y.....	do	91,356
	South Champion.....	C. S. Shedd.....	South Champion.....	do	69,442
	West Carthage.....	Chas. Besha.....	Carthage.....	do	88,152

LIST OF BUTTER AND CHEESE FACTORIES.

JEFFERSON COUNTY—CLAYTON—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
23	Bickelhaupt's Combination No. 13	.....	A. Bickelhaupt	Redwood	Cheese	.....	66,240
25	Blind Bay	.....	A. E. Potter	Clayton	do	.....	46,000
21	Empire State	.....	R. P. Grant	do	do	.....	100,399
27	Farmers'	Depauville	do	do	do	.....	132,910
27	Grindstone Island	.....	R. P. Grant	do	do	.....	75,779
24	Line Road	.....	do	do	do	.....	97,079
22	Thousand Islands	St. Lawrence	do	do	do	.....	81,319
ELLSBURG.							
86	Barrott	.....	H. H. Barrott	Mannsville	do	.....	95,514
83	Banner	.....	Salisbury & Peach	Pulaski	B. & C.	39,358	209,821
84	Belleville	Belleville	Overton & Co	Belleville	do	115,592	209,281
	Fillmore & Bros.	.....	Geo. Gifford	do	do	13,200	10,000
	Pierrepont Manor	Pierrep't Manor	Owen Graves	Pierrepont Manor	Cheese	.....	80,000
	Rock Spring	.....	Chas. Coburn	Belleville	do	.....	79,290
87	Salisbury No. 2	.....	Brayton Salisbury	Pulaski	B. & C.	7,649	176,586
85	Salisbury No. 3	.....	do	do	do	3,200	160,500
	E. L. Stone No. 1	Mannsville	E. L. Stone	Mannsville	do	75,592	117,986

LIST OF BUTTER AND CHEESE FACTORIES.

55

HENDERSON.

Henderson	Benj. Worthingham	Henderson	do	14,768	122,631
89 Mather Bros.	S. & W. Mather	Belleville	do	39,182	110,022
91 Rayhill	Frank Rayhill	Henderson	do	2,000	80,000
88 Smithville	Jennie S. Ebbelis	Smithville	do	4,765	124,550

HOUNSFIELD.

Eureka	C. B. Arnold	Sacketts Harbor	Cheese	.....	88,357
93 Ontario	A. M. Sanford	Adams Centre	do	.....	71,506
92 Windmill	East Hounsfeld	East Hounsfeld	do	.....	78,284

LE RAY.

Gould	Gould & Linck	Evans' Mills	do	.....	63,999
66 Jefferson Valley	Isaac Schell	Theresa	do	.....	92,446
Jerome Ford	Henry Zimmer	Plessis	do	.....	55,650
Stuart	F. X. Baumert & Co.	26 Ave. A, N. Y.	do	.....	13,667
Sunny Side	L. A. & H. E. Helmer	Evans' Mills	do	.....	116,000
D. Walrath	Dan'l Walrath	do	do	.....	134,349

LORRAINE.

Lorraine Village	W. H. Fox	Lorraine	do	.....	60,000
Maple Grove	L. S. Pitkin	do	do	.....	63,500
96 Pitkin	do	do	do	.....	100,317
99 E. L. Stone No. 3.	E. L. Stone	Mannsville	do	.....	51,300
97 Winona	W. H. Anthony	Winona	do	77,289

LYME.

8 Chaumont	Chaumont	Stock Company	do	49,070
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JEFFERSON COUNTY—ORLEANS—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
32	Bickelhaupt's Comb.		A. Bickelhaupt.	Redwood	Cheese		30,013
	No. 15.			do	do		36,462
	Bickelhaupt's Comb.		J. Vock & Sons	Theresa	do		52,000
	No. 16.		John Corris	Omar	do		120,000
31	Foot.				do		95,461
	Hill Spring.		R. P. Grant	Clayton	do		117,824
34	Orleans Valley		H. F. Wettiker	La Fargeville	do		89,986
38	Orleans Center				do		
	Stone Mills Union		Mutual Ass'n	Stone Mills	do		
PAMELIA.							
17	Clover Dale	Pamelia 4 Cors.	A. E. Gove	Pamelia 4 Corners	do		118,000
18	Fair View		R. P. Grant	Clayton	do		52,000
	Lake View		Jos. Vock & Sons	Theresa	do		40,000
16	Pamelia Center		S. L. Gillette & Sons	Watertown	do		75,000
PHILADELPHIA.							
	Cloverdale		Albert Townsend	Philadelphia	do		89,853
	Edwin Wilson		Edwin Wilson	do	do		169,806
	Eddy		A. A. Holmes	Redwood	do		15,854
	Galway		M. Gebler	Philadelphia	do		60,000
	Hoover	Sterlingville	F. Hoover	Sterlingville	do		33,000

LIST OF BUTTER AND CHEESE FACTORIES.

57

57 Philadelphia	Wm. Flath	Philadelphia	do	174,968
55 Spring	I. G. Smith	do ..	do	108,000
58 Strickland Corners ..	M. Gebler	do ..	do	60,000
Swift	do	do ..	do	50,000

RODMAN.

100 East Rodman	East Rodman	East Rodman	do	110,621
104 A. Miller	A. Miller	Algona ..	do	75,024
106 North Rodman	Jacob Davis	Dillon ..	B. & C.	231,000
102 Rodman Village	M. G. Wilson	Old Forge ..	Cheese	109,228
101 Sandy Creek Valley ..	A. E. Boyd	Rodman ..	B. & C.	104,000
Silver Creek	M. Petingill	Henderson ..	Cheese	45,350
105 Trout	Fuller Talcott	Adams Center ..	do	85,272

RUTLAND.

121 Cascade	Geo. L. Canfield	Burrs Mills ..	do	105,000
Eames	H. Eames	Watertown ..	do	49,413
P. C. Parkinson	P. C. Parkinson	do ..	do	53,466
120 B. P. Smith	F. A. Knapp	Great Bend ..	do	65,325
115 Tylerville	B. Dickinson	South Rutland ..	do	72,000
117 J. W. Waldo	D. A. Goodrich	South Champion ..	B. & C.	116,599
E. J. Williams No. 2 ..	M. A. Stackel	Rutland Center ..	Cheese	131,621

THERESA.

144 Bickelhaupt's Comb. No. 4	A. Bickelhaupt	Redwood	do	30,920
146 Bickelhaupt's Comb. No. 5	do	do ..	do	39,084
145 Bickelhaupt's Comb. No. 6	do	do ..	do	40,646

JEFFERSON COUNTY—THERESA—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
135	Bickelhaupt's Comb.						
	No. 10.....		A. Bickelhaupt.....	Redwood	Cheese	.....	67,073
	I. C. Cooper No. 1..		I. C. Cooper.....	Theresa.....	do	.....	130,000
	I. C. Cooper No. 2..		do	do	do	.....	135,000
	I. C. Cooper No. 3..		do	do	do	.....	58,000
136	Crystal Lake.....		J. Vock & Sons.....	do	do	.....	30,000
140	Douglas.....		J. P. Douglas	do	do	.....	120,194
	Pleasant Valley.....		M. Gebler.....	Philadelphia.....	do	.....	56,000
142	Pool		J. Vock & Sons.....	Theresa.....	do	.....	65,000
138	Theresa Village Winter		do	do	do	.....	42,000
WATERTOWN.							
124	Ayers.....		Lewis G. Ives.....	Rices	do	.....	160,000
122	E. Ball.....		H. C. Ball.....	Watertown.....	do	.....	145,000
	Brookside		Smith, Flanders & Co..	Rodman.....	do	.....	100,000
123	Watertown Valley..	Burrs Mills	La Fayette Polly.....	Burrs Mills	do	.....	97,851
WILNA.							
	Central		Robt. Whalen.....	Wilna	do	.....	45,057
	Clover Valley.....	Carthage	J. C. Fitzsimmons	Carthage.....	do	.....	74,408
74	Devois Corners		Gardner Avery.....	Wilna	do	.....	88,407

70	Drill Weel.....	Sterlingville....	C. W. Cheney.....	Sterlingville.....	do	68,996
71	Indian River.....	.....	L. B. Gibbs.....	North Wilna.....	do	128,609
72	Trout Brook.....	D. C. Chaumont.....	Natural Bridge.....	do	55,000

WORTH.

Bullock	Worthville.....	M. H. Bullock.....	Beaver.....	do	114,580
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LEWIS COUNTY.

CROGHAN.

1	Champion Spring.....	Beaver Falls....	Christian Hirschey.....	Beaver Falls.....	do	54,000
2	Clover Valley.....	Carthage.....	J. C. Fitzsimmons.....	Carthage.....	do	75,000
3	Croghan.....	.....	Albert Henry.....	Croghan.....	do	57,000
4	Haller.....	Beaver Falls....	W. A. Haller.....	Beaver Falls.....	do	40,567
5	Indian River.....	Indian River....	Fred. Shaver.....	Indian River.....	do	45,800
6	Renaux.....	.....	A. N. Renaux.....	Croghan.....	do	45,960
7	Swiss Creek.....	Naumburg.....	Hiram Gowdy.....	Lowville.....	do	84,627

DENMARK.

8	Copenhagen.....	Copenhagen....	Cook & Otis.....	Copenhagen.....	do	150,000
9	Crown Brand.....	Denmark.....	A. & H. E. Cook.....	Denmark.....	B. & C.	190,000
10	Harter.....	Copenhagen....	P. A. Harter.....	Copenhagen.....	Cheese	30,000
11	Imperial.....	.....	W. W. Vorce.....	do.....	do	61,798
12	Rising Star.....	Copenhagen....	Cook & Otis.....	do.....	do	100,000
13	Stranding.....	Deer River.....	J. E. Knapp.....	Deer River.....	do	90,000

DIANA.

14	Erie.....	.....	Drafer & Hunt.....	Natural Bridge.....	do	30,000
15	Sterling.....	.....	Emery Kinsman.....	Sterling Bush.....	do	55,000

LEWIS COUNTY—GREIG—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
16	Independence		Lyman Burdick	Glenfield	Cheese	35,000	
17	Spring Brook		M. L. Hoffman	Lyons Falls	do	65,000	
HARRISBURG.							
18	Lanpher	Copenhagen	H. B. Lanpher	Copenhagen	do	45,000	
19	New Columbia		Geo. F. Butts	Harrisburg	do	69,250	
20	New Model	Copenhagen	— McCuen	Copenhagen	do	80,600	
21	River Street	do	G. H. Monroe	do	do	44,500	
23	Valley Dale		Fred. Burns	Bellwood	do	85,000	
24	West Harrisburg		Mrs. W. A. Wheeler	do	do	124,768	
22	South Harrisburg		Carroll C. Day	Windecker	do	78,627	
HIGH MARKET.							
25	Alpine		Domser Bros	Boonville	do	50,000	
26	Auken		Fred Auker	Constableville	do	25,000	
27	Dairy Hill		David Miller	do	do	95,435	
28	Fish Creek	Constableville	Frank Middlemiller	do	do	65,000	
29	Legal Tender	Turin	J. E. McGrath	Turin	do	89,750	
30	Plummers'		Geo Plummer, Sr	Constableville	do	56,642	
	Sins & Bierley	West Leyden	Joseph Sins	West Leyden	do	66,180	
31	West Leyden		M. J. McGrath	Martinsburg	do	160,000	

LEYDEN.

32	Cloverdale	Alfred Blum	Leyden	135,200
33	Leyden Cheese Ass'n.	L. S. Loomis & Co.	Locust Grove	87,772
37	Malcolm	D. Karlen	Boonville	1,209,000
34	Meadow Brook	Uriah Fitch	do	65,500
35	Silver Spring	D. Karlen	do	80,000
36	Spring Hill	F. E. Klossner	Port Leyden	80,000

LOWVILLE.

42	Searls No. 1	Geo. Searls	Lowville	88,039
43	Eagle	E. G. Graves	do	130,000
39	High Mark	W. H. Fitch	do	100,725
38	Lowville	J. A. Merz	do	60,000
40	Sharp	J. H. Searls	do	75,500
41	Sulphur Spring	do	do	160,500

MARTINSBURGH.

50	Leonard	Chas. P. Leonard	Lowville	62,173
54	Searls No. 2	M. E. Searls	Martinsburgh	50,000
45	Boston Brand .....	.....	do	48,500
46	Gilt Edge	M. J. Fassett	Martinsburgh	65,000
47	Glendale	Rudolph Regetz	Glendale	75,000
48	Gowdy	F. C. Gowdy	West Martinsburgh	101,252
49	Maple Ridge	Loren Benton	Martinsburgh	75,000
51	Martinsburgh	G. S. Alger	Martinsburgh	100,000
44	Black River Valley	W. E. Gaynor	East Martinsburgh	87,732
53	Noble	Constance Noble	West Martinsburgh	65,000
55	Staring	Willard Higby	Houseville	65,500
56	Valley Spring	Fred H. Loucks	Lowville	60,000
52	Mud Lake	Domser Brothers	Boonville	60,000

LEWIS COUNTY—MONTAGUE—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
58	Forks		J. E. Murphy.....	Montague	Cheese	79,997	
57	Rector		Morgan Smith.....	Rector.....	do	48,573	
NEW BREMEN.							
59	Beach Hill		Albert E. Merz	New Bremen.....	do	35,000	
60	Clover Valley	New Bremen ..	W. S. Benton.....	do	do	65,000	
61	Cold Spring.....		C. E. Merz.....	Croghan.....	do	81,000	
62	Farmer's Choice	New Bremen ..	W. S. Benton.....	New Bremen.....	do	90,000	
63	Kirschnerville	do ..	Nicholas Keifer.....	Kirschnerville.....	do	721,272	
OSCEOLA.							
65	F. N. Chrestien.....	Osceola	F. N. Chrestian.....	Camden	do	75,000	
64	Croniseer	do	J. C. Croniseer.....	Florence.....	do	7,300	
PINCKNEY.							
66	Barnes Corners	Barnes Corners	E. A. Harding.....	Lorraine.....	do	105,690	
67	New Boston	New Boston...	T. W. McGrath....	New Boston.....	do	110,000	
68	Pinckney Corners...		E. A. Harding.....	Pinckney.....	do	105,000	
69	Union		Robert Cramer.....	Barnes Corners.....	do	70,000	

LIST OF BUTTER AND CHEESE FACTORIES.

63

TURIN.

70	Carpenter	John Carpenter	Turin	do	40,000
71	Houseville	J. H. Smith	Houseville	do	211,910
72	Petrie	H. A. Petrie	Turin	do	180,000
73	Welsh Hill	E. H. Evans	do	do	66,500

WATSON.

74	Cedar Springs	J. L. Beach	Bushe's Landing	do	40,500
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WEST TURIN.

75	Grass Valley	Constableville	J. S. Loomis	Locust Grove	do	95,000
76	A. Katzmayer	Mohawk Hill	A. Katzmayer	West Leyden	do	97,673
77	Collinsville .....	.....	Herbert Roberts	Collinsville	do	96,500
78	Miller	Constableville	Michael Heiley	Constableville	do	198,869
79	Mohawk Hill .....	.....	Alfred Blum	do	do	50,000
80	Regetz .....	.....	John Regetz	do	do	68,498

LIVINGSTON COUNTY.

AVON.

7	Ashantee	Herbert Wadsworth	Avon	Butter	47,025
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MT. MORRIS.

4	Tuscarora	Tuscarora	Young & Young	Fillmore	Cheese	52,278
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NUNDA.

3	Nunda	Young & Young	Fillmore	do	140,000
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LIVINGSTON COUNTY—PORTAGE—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod- uct manu- factured at this fac- tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
2	Hunts.....	Hunts.....	Young & Young.....	Fillmore.....	Cheese	.....	114,278
1	Keshequa	Dalton.....	Mrs. Sarah Wheeler....	Dalton.....	do	.....	36,060
5	Elgin	Scottsburgh.....	V. A. Scott.....	Scottsburgh	Butter	78,000	.....

SPARTA.

MADISON COUNTY.

BROOKFIELD.

1	Baldwin.....	.....	A. M. Nichols	West Edmeston.....	B. & C.	1,639	33,632
2	Beaver Creek.....	.....	Wm. W. Clark	Brookfield.....	Cheese	.....	72,951
3	Blanding .....	.....	F. Blanding.....	Hubbardsville	do	.....	61,900
4	Larkin .....	.....	Leroy Larkin.....	E. Hamilton	Butter	6,298	.....
6	Leonardsville Station	Leonardsville	A. S. Willage.....	437 E. 15th St., N. Y.	Cheese	.....	5,200
7	Marsh .....	.....	C. O. York.....	Brookfield	B. & C.	1,564	48,484
10	So. Brookfield.....	.....	Eli S. Brand	Leonardsville.....	Cheese	.....	100,000
11	Temple.....	.....	W. Wright.....	197 Johnson St., B'k'n	Butter	2,000	.....
12	Union .....	.....	Mutual Milk and C. Co.	Cor. 116th St. and 2d Ave, N. Y.....	B. & C.	6,000	69,000
				New Berlin.....	do	15,785	79,931
				No. Brookfield.....	Cheese	.....	114,000
				Brookfield	do	.....	64,862

CAZENOVIA.

15	Baline Shipping Sta.	Webster Sta.	P. & G. Ober	New York	do	5,000
16	Brooklyn		L. Blodgett	Cazenovia	B. & C.	4,475
16	Lakeland		Burr Wendell	do	Butter	44,669
17	New Woodstock		C. A. Buckingham	New Woodstock	B. & C.	313,749
18	No. Cazenovia		P. H. Wager	Chittenango	Cheese	51,336

DE RUYTER.

21	DeRuyter Dairy Co.		DeRuyter Dairy Co.	263 49th St., Brooklyn	Butter	1,500
20	Quaker Basin		Quaker Basin C. Co.	De Ruyter	B. & C.	27,306
20	Reservoir		S. D. Burdick	do	Cheese	41,269
19	Sheeds Cors. Station		C. A. Buckingham	New Woodstock	Butter	1,000

EATON.

23	Bradley Brook		D. E. Fairchild	Eaton	Cheese	55,000
24	Eaton		Tupper Bros.	do	Butter	109,500
26	Morrisville		Hopkins & Champlain	Morrisville	B. & C.	15,840
	Morrisville Station		Mutual Milk & C. Co.	New York	Butter	2,400
	Pratts Ship. Station		South Oxford Dairy Co.	534 West End Av., N.Y.	do	60,000

GEORGETOWN.

28	Brown's Valley		H. J. Brown & Co.	Georgetown	B. & C.	46,438
29	Stevens		O. G. Stevens	do	Cheese	29,971

HAMILTON.

30	Cold Spring		D. W. Usher	East Hamilton	Butter	4,738
31	Hamilton		John Harmon	do	Cheese	54,000
32	Hnbardville		Dart & Wallace	Hubbardsville	Butter	21,843
34	Poolville		W. E. Stricker	Nelson	Cheese	48,673
	Poolville Ship. Sta.		Empire State Dairy Co.	503 Broadway, N. Y.	Butter	10,000
35	South Hamilton		H. S. Dresser	South Hamilton	Cheese	84,833

MADISON COUNTY—LEBANON—(Concluded).

No	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
37	Lebanon Station..... Randallsville.....	Randallsville..	Manhattan Dairy Co.... John Harmon.....	446 W. 125. St., N. Y. B. & C. Hamilton.....	do	1,800 6,312	18,900 21,968
LENOX.							
38	Bender.....	.....	Fred. Haas.....	Canastota.....	Cheese	.....	47,940
39	Dan Ladd.....	.....	Dan. Ladd.....	do.....	do	.....	90,850
40	Oneida Valley.....	Oneida Valley..	Wm. McAdam.....	Oneida Valley.....	do	.....	95,487
41	Whitelaw.....	Whitelaw.....	Thos. J. Vivyan.....	Whitelaw.....	do	.....	84,030
LINCOLN.							
42	Crystal Spring.....	Alene.....	O. J. Tucker.....	Alene.....	do	.....	84,194
43	Lenox Mills.....	Lenox.....	Buyea & Miller.....	Lenox.....	do	.....	139,164
MADISON.							
44	Bouckville Station....	Bouckville.....	Mutual Milk & Cr. Co....	New York.....	Butter	5,280	.....
45	Madison Centre.....	.....	F. Blanding.....	Hubbardsville.....	Cheese	.....	69,478
	Solsville Station.....	Solsville.....	A. D. Eames.....	Solsville.....	do	.....	75,000
NELSON.							
48	Erieville.....	Erieville.....	C. E. Maynard.....	Erieville.....	B. & C.	36,569	270,548
	Erieville Station....	do.....	L. Ehrhardt.....	New York.....	Butter	2,000	.....
49	Nelson Flats.....	.....	Stryker Histed.....	Nelson.....	B. & C.	6,185	90,093

50 | Paramount | J. P. Davis..... | do | do | 3,265 | 34,828

SMITHFIELD.

51 | Hollenbeck | R. J. Hollenbeck..... | Peterboro | Cheese | 47,217
 52 | Peterboro | P. J. Warcup..... | do | do | 95,355
 53 | Pleasant Valley | Levi Miller, Jr..... | do | do | 89,745
 54 | Siloam | A. E. Miller..... | Siloam..... | do | 103,048

STOCKBRIDGE.

55 | La Munion & Clark | A. J. La Munion..... | Munnsville..... | do | 67,570
 | Munnsville Station | J. E. Rosasco..... | 182 Spring St., N. Y. | Butter |
 57 | Stockbridge | Carl Leach..... | Stockbridge | B. & C. | 33,643
 58 | Valley Mills | Clinton Adams..... | Valley Mills | Cheese | 40,000
 59 | Woods..... | Geo. Woods | Munnsville..... | Butter | 6,348

SULLIVAN.

60 | Bridgeport | Jno. Durst..... | Bridgeport | Cheese | 79,468
 61 | Excelsior | Geo. H. Dennis | Chittenango | do | 58,923
 62 | Lakewood..... | L. W. Sales..... | Bridgeport | do | 37,375
 63 | Maple Grove..... | Elmer Johnson..... | Lakeport | do | 60,000
 64 | Perryville..... | Perryville M. Assn..... | Perryville | do | 34,859
 65 | West Hill..... | Casper Tyler..... | Chittenango | do | 77,377

MONROE COUNTY.

CLARKSON.

4 | Ridgeroad..... | Wm. N. Gallop | Clarkson..... | Butter | 68,577

MONROE COUNTY—MENDON—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
2	Honeoye Falls Elgin Creamery Co.....	Honeoye Falls.	Elston Hunt	Honeoye Falls.....	Butter	77,186	.....
3	Mendon .....	.....	M. M. Burt.....	do	Cheese	.....	31,372
PARMA.							
1	Hilton .....	.....	Geo. Ingham.....	Hilton	Butter	50,729	.....
MONTGOMERY COUNTY.							
CANAJOHARIE.							
2	Ames	Ames.....	L. S. Merrick.....	Ames.....	Cheese	.....	98,920
5	Bowman's Creek.....	Marshville	Fred Winston.....	Marshville.....	do	.....	39,460
8	Dunckel, A.	Fort Plain.....	A. Dunckel.. ..	Fort Plain.....	do	.....	52,370
FLORIDA.							
7	Minaville	Minaville	A. Walrath	Minaville	do	.....	54,000
MINDEN.							
9	Brookman's Cor. ....	.....	William Dilenbeck.....	Fort Plain.....	do	.....	265,000
13	Fort Willett .....	.....	Jacob Zoller.....	Little Falls	do	.....	92,860
19	Hallsville Dairy.....	.....	Van Slyke & Roger.....	Salt Springville.....	do	.....	27,000
11	Van Duesen.....	.....	Dewitt Van Duesen.....	Freysbush	do	.....	51,806
15	Zoller .....	.....	Jacob Zoller.....	Little Falls	do	.....	173,668

LIST OF BUTTER AND CHEESE FACTORIES.

39

MOHAWK.

19	Cayudutta	Charles Browneck.....	Fonda	do	80,963
16	Mohawk.....	Daniel Dockstader.....	Palatine Bridge.....	do	57,323
17	Nellis	Benjamin Nellis	Fonda	do	32,529
20	Tribes Hill.....	William T. Getman....	Tribes Hill.....	do	38,571

PALATINE.

21	Dockstader	William Dockstader....	Palatine Bridge.....	do	118,338
22	Nellis, A.	J. C. Nellis.....	do	do	40,345
23	Palatine Union	P. G. Yost.....	McKinley	do	83,932
26	Slate Hill	Allan Gray.....	Ephratah	do	47,845
28	Smith Creek.....	J. H. Smith.....	Fort Plain	do	155,645
25	Stone Arabia	Jacob Saltzman.....	Stone Arabia.....	do	91,000

ROOT.

30	Flat Creek.....	James Weaver	Flat Creek.....	do	104,322
32	Lyker's Corners.....	John V. Lyker	Lykers.....	do	54,525

ST. JOHNSVILLE.

33	Christman	G. H. Christman	St. Johnsville.....	do	90,000
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NIAGARA COUNTY.

PENDLETON.

1	Wendelville	P. H. Wendel	Wendelville	Butter	24,000
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WILSON.

2	Wilson No. 1.....	Wilson	Randall Road.....	Cheese	11,774
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ONEIDA COUNTY.

ANNSVILLE.

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
	Blossvale.....		F. M. Christain.....	Blossvale.....	Cheese	.....	50,872
1	Cole Hill.....	Taberg	J. Karlen.....	Rome.....	do	.....	64,200
2	Gregains.....	Glenmore	Wm. Gregains.....	Glenmore	do	.....	59,975
	Mullen Bros.....	do	J. C. Hennesey.....	Point Rock	do	.....	39,328
	People's.....	do	John Finn.....	Glenmore	do	.....	25,956
5	Taberg.....	Taberg	Geo. Haas.....	Taberg.....	do	.....	130,738
Augusta.							
14	Augusta Valley.....	Vernon Center.	John W. Skerritt.....	Vernon Center.....	do	.....	85,942
AVA.							
12	Blue Brook.....		Roscoe C. Coon.....	Ava.....	do	.....	78,164
8	Castle.....		H. D. Morehouse.....	do	do	.....	55,000
9	Karlen.....		David Karlen.....	West Branch.....	do	.....	158,000
10	West Ava.....		Pearl E. Adams.....	Ava.....	do	.....	74,292
BOONVILLE.							
23	Ballou.....		Ellis Ballou.....	Boonville.....	do	.....	22,500
	Elmwood.....		D. R. Griffith.....	do	B. & C.	8,689	34,614
	Hawkinsville.....		C. Lewahen.....	Hawkinsville.....	Cheese	.....	60,940

20	Jackson Valley	D. Karlen	Boonville	do	80,000
16	Karlen	do	do	do	70,000
18	Springbrook	W. J. McComb	do	do	85,348
	Union	A. W. Walker	Camden	do	49,684
BRIDGEWATER.					
27	Eldreds	Z. Eldreds	Bridgewater	do	202,053
	North Bridgewater	Andrew Knauer	North Bridgewater	B. & C.	31,900
CAMDEN.					
28	Baker	Fred P. Baker	Camden	Cheese	148,872
	Cornish	A. Cornish	do	do	70,000
29	Hillside	Melvin Sergeant	Ford	do	66,717
30	West Camden	A. Cornish	Camden	do	79,435
DEERFIELD.					
33	Deerfield Center	South Trenton	South Trenton	B. & C.	125,000
32	Maple Grove	North Gage	North Gage	do	9,090
	North Gage	do	do	Cheese	101,569
		Helen Welch			
FLORENCE.					
36	Christman	C. A. Ba.ell	Florence	do	157,680
38	Hennesey	Jno. L. Hennesey	East Florence	do	47,583
	Waterbury	Jas. Kirkland	Florence	do	128,793
FLOYD.					
42	Floyd Hill	East Floyd	East Floyd	do	56,330
43	Thomas, G. D.	G. D. Thomas	Camroden	do	170,000
KIRKLAND.					
45	Kirkland	L. F. Hubbard	Kirkland	Butter	185,000

ONEIDA COUNTY—LEE—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
	Auken	Lee Center.	Mrs. C. Auken.	Lee Center.	Cheese	.....	31,800
51	Delta	Delta	C. N. Bathrick	Delta	do	.....	86,464
	Holsinger	Lee Center.	Samuel Krebs	Rome	do	.....	35,000
52	Krebs	do	do	do	do	.....	25,400
	Lee Corners	Lee Corners.	J. Karlen	do	do	.....	40,000
	Mullen Hill	Westcrnville	do	do	do	.....	60,000
37	Sand Hill	West Branch.	G. Siebie.	West Branch.	do	.....	35,000
61	Walters	Point Rock	C. H. Walters.	Point Rock	do	.....	57,624
50	West Branch	West Branch.	David Karlen.	West Branch.	do	.....	68,000
MARCY.							
	Marcy Centre .....	.....	Geo. R. Wright.	Marcy	do	.....	54,256
63	Stittville	Stittville.	W. H. Brush	Stittville.	B. & C.	25,743	170,115
PARIS.							
65	King, A. S. ....	.....	A. S. King.	Norwich Corners.	Cheese	.....	47,355
REMSEN.							
72	Kent .....	.....	P. O. Jones	East Steuben.	do	.....	105,789
71	Mitchell Union .....	.....	J. E. Mitchell.	Remsen.	do	.....	20,500

ROME.

Coonrad	J. Karlen	Coonrad.....	do	75,000
75 Hatch's Corners ..	Frank Haag.....	Rome	do	60,000
74 Ridge Mills	Robt. McAdam.....	do	do	103,686
73 Rome Cheese Ass'n ..	Crowell & Auries	do	do	45,207

STEUBEN.

78 North Steuben.....	N. H. Folts.....	North Steuben.....	do	85,000
80 Steuben Centre	G. H. Latterman.....	Steuben.....	do	43,408
79 Steuben Association.	Fred Wood	do	do	170,287
81 Thomas, R. E.	Jones & Hughes	Summers	do	80,000

TRENTON.

84 Home.....	H. S. & J. C. Bagg.....	Holland Patent.....	B. & C.	203,680
83 Holland Patent.....	do	do	do	273,300
85 Kelly Tract.....	do	do	do	109,204
88 Trenton.....	F. P. Bagg.....	Trenton.....	do	198,000
87 Willow Grove.....	Iva Bard.....	do	do	130,000

VERNON.

92 Blanchard	H. E. Blanchard	Verona	do	152,182
Dockstader.....	F. N. Christian.....	do	Cheese	63,632

VERONA.

Fitch & Bacon	W. E. Golly.....	Verona.....	do	70,000
Merry, G.	G. Merry.....	do	B. & C.	190,104
New London.....	J. J. Senn.....	New London.....	Cheese	98,925
Rathbones.....	Chas. Rathbone.....	Verona Mills.....	do	75,989
Verona Central	Verona Station	Verona Station.....	do	50,000
Verona Landing	Higginsville. ...	Mrs. F. Breckenridge...	Higginsville.....	174,345

LIST OF BUTTER AND CHEESE FACTORIES.

ONEIDA COUNTY—VIENNA—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
	Christian, F. N.	Klossvale.	F. N. Christian.	Camden	Cheese	.....	50,872
	North Bay	North Bay	James Krum.	Paines Hollow.	do	.....	70,000
	Queen Oneida	.....	Albert Brown	Vienna	do	.....	144,249
	Vienna.	.....	do	do	do	.....	144,249
99	West Vienna	.....	Elmer Palms	West Vienna	do	.....	42,600
	White Clover.	West Vienna.	J. H. Meays.	Vienna	do	.....	42,600
WESTERN.							
	Auken	.....	S. Auken	Westernville	B & C.	330	20,700
	Farmers'	North Western	E. D. Franklin	North Western	Cheese	.....	91,234
119	Mullin Hill.	.....	R. V. Evans.	Delta	do	.....	60,000
115	Porter	Delta	C. W. Porter.	North Western	do	.....	88,347
122	Sporie	North Western	Charles Sporie.	Delta.	Butter	35,000	.....
121	South Western.	Delta	C. D. Parsell	Big Brook	Cheese	.....	120,709
117	Teuscher.	.....	Fred Teuscher.	North Western	do	.....	37,807
113	Walsworth	Delta	David I. Blum.	Delta.	do	.....	104,697
WESTMORELAND.							
104	Lowell	.....	F. J. Brill	Lowell.	do	.....	10,000

ONONDAGA COUNTY.

CICERO.

1	Brewerton	Wm. Morehead	Cicero	do	80,000
2	Cicero	Dennis Smith	do	do	75,000
3	Cicero Center	O. J. Daniels	do	do	31,865
4	Loomis	A. J. Loomis	do	do	100,000

CLAY.

5	Clay Center	F. M. Buris	Euclid	do	87,923
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ELBRIDGE.

7	Elbridge	Geo. F. Pritchard	Elbridge	B. & C.	11,000
					82,700

FABIUS.

8	Apulia Station	G. H. Knemeyer	Brooklyn	do	15,000
9	Fabius	W. L. Hamilton	Fabius	Butter	356,250
					30,000

LAFAYETTE.

	Onativia Station	Seiler Bros.	No. 272 Plain st., Newark, N. J.	do	10,000
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LYSANDER.

11	Baldwinsville	Garrett & Snell	Baldwinsville	do	135,031
12	Riverside	F. W. Church	Belgium	B. & C.	3,090
13	Springdale	G. N. Butler	Lysander	Butter	40,835
					85,000

ONONDAGA COUNTY—MANLIUS—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
14	North Manlius.....	North Manlius.....	Nathan Kimball	North Manlius.....	Cheese	...	103,815
15	Staring.....	Kirkville.....	B. F. Staring.....	Kirkville.....	do	.....	64,178
POMPEY.							
23	Delphi	Delphi	J. F. Bulger.....	Delphi	B. & C.	1,763	64,999
17.	Pompey Center	Pompey Center	Robert Mone	Pompey Center.....	do	2,867	64,063
18	Oran Station	Oran	Paul Steffen.....	No. 49 West 130th st., New York city	Cheese	.....	48,000
SPAFFORD.							
19	Borodino	Borodino	O. J. Hayford	Borodino.....	Butter	35,389	.....
CITY OF SYRACUSE.							
26	Onondaga County...	.....	Iram C. Reed.....	Syracuse.....	do	45,000	.....
TULLY.							
	Tully Station .....	.....	Seller Bros.....	No. 273 Plain st., Newark, N. J.....	do	65,000	.....

ONTARIO COUNTY.

MANCHESTER.

1	Crystal Springs.....	Port Gibson....	J. W. Parker.....	Port Gibson	do	65,000|.....
3	Sanitarium	Clifton Springs	A. S. Cotton	Clifton Springs.....	do	36,500

NAPLES.

2	Naples	H. J. Tyler.....	Naples.....	Cheese.....		40,404
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SENECA.

4	Stanley	S. A. Funk.....	Stanley	Butter	6,500	
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ORANGE COUNTY.

CHESTER.

1	W. Lawrence & Sons	W. Lawrence & Sons ..	Chester.....	B. & C.	18,000	900,000
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BLOOMING GROVE.

3	Barton Spring.....	J. & J. Neuschwander	Monroe	do	1,250	122,540
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ORLEANS COUNTY.

CLARENDON.

1	Clarendon	Howard & Tuttle.....	Clarendon.....	Cheese.....		38,378
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ORLEANS COUNTY—KENDALL—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
3	Morton.....	Morton.....	W. Defendorf.....	Morton.....	Cheese	.....	58,973
2	West Kendall.....	West Kendall..	David J. Root.....	West Kendall.....	do	.....	11,000
KENT.							
5	Kent.....	Kendall.....	J. B. Sherwood.....	Kent.....	do	.....	26,314
MURRAY.							
4	Murray.....	.....	Fuller & Clark.....	Murray.....	do	.....	99,285
OSWEGO COUNTY.							
ALBION.							
62	Albion.....	Albion.....	E. A. Birch.....	Salmon River.....	do	.....	52,000
59	Dugway.....	do.....	A. H. Furney.....	Dugway.....	do	.....	50,930
61	Henderson.....	Altmar.....	Charles Birch.....	Salmon River.....	do	.....	74,271
	Howardsville.....	Howardsville..	C. P. Birch.....	Howardsville.....	do	.....	57,647
AMBOY.							
57	Amboy Center.....	Amboy.....	Robert Foils.....	Amboy Center.....	do	.....	111,068
	Hess.....	West Amboy..	A. S. Oastor.....	West Amboy.....	do	108,691

BOYLSTON.

Le Clair	Laconia	F. P. Le Clair	Laconia	B. & C.	3,583	113,244
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GRANBY.

Bowens Corners.....	Granby	W. H. Keller.....	Bowens Corners.....	do	18,100	167,898
Granby Center.....	do	G. B. Cusack.....	Clifford.. ..	Cheese	85,000
Millbrook	do	W. E. Hall.....	Red Creek	do |	..... |	18,930

HANNIBAL.

40 Hannibal.....	Hannibal	E. B. Tucker & Son....	Hannibal	B. & C. |	10,253 |	91,055
41 South Hannibal.....	do	G. D. Trimble	Palermo	Cheese |	..... |	134,000

HASTINGS.

22 Central Square.....	Central Square.	Peter F. Biegel.....	Central Square	do |	..... |	52,292
20 Hastings	Hastings.....	Newell Wright	Hastings.....	do |	..... |	45,292
21 Mallory	do	J. Mallory	Mallory.....	do |	..... |	55,000
Oneida River.....	Caughdeney...	P. Burlis	Caughdeney.....	do |	..... |	90,175

MEXICO.

7 Colosse	Colosse	Clarence Pierce.....	Colosse.....	do |	..... |	102,598
8 Dewey	Mexico	G. D. Trimble.....	Palermo	do |	..... |	93,032
5 Empire.....	do	G. B. Cusack	Clifford.....	do |	..... |	130,000
6 Farmers.....	do	John Pifer	Arthur	do |	..... |	69,544
3 Pratham	Pratham	J. M. Wicks	Pratham	do |	..... |	126,461
1 Stone Quarry.....	Arthur	John Pifer	Arthur	do |	..... |	132,411
4 Union Square.....	Mexico	Geo. B. Vanderwerker..	Union Square	B. & C. |	1,500 |	110,000

LIST OF BUTTER AND CHEESE FACTORIES.

OSWEGO COUNTY—NEW HAVEN—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
	Eagle	New Haven ...	Elbridge Jones.....	Butterfly.....	Cheese	44,312	
10	New Haven.....	do	S. Wilmarth.....	New Haven	do	110,461	
9	Porter	do	G. B. Porter.....	do	do	38,814	
ORWELL.							
46	McKinneys, A. C..	Orwell.....	A. C. McKinney	Orwell.....	B. & C.	103,403	
49	Molino.....	do	Brayton Salisbury	do	Cheese	69,000	
47	Olmstead.....	do	A. E. Olmstead.....	do	do	55,000	
48	Stevens.....	do	A. M. Stevens.....	do	B. & C.	62,087	
OSWEGO.							
63	S. W. Oswego .....	.....	C. E. Woolworth	Oswego	Cheese	72,269	
PALERMO.							
25	Peets Corners	Peets Corners .	Anthony Santer	East Palermo.....	do	126,755	
PARISH.							
54	Parish	Parish	Parish C. & B. Co.....	Parish	do	130,931	
55	Parish Centre.....	do	W. F. Miller	Parish Centre	do	47,900	

RICHLAND.

14	Castor No. 1.....	Pulaski.....	George L. Castor.....	Pulaski.....	B. & C.....	144,600
15	Castor No. 2.....	do.....	do.....	do.....	do.....	133,800
16	Castor No. 3.....	do.....	do.....	do.....	Cheese.....	95,600
17	Holmes.....	do.....	W. B. Holmes.....	do.....	B. & C.....	259,120
	South Richland.....	do.....	J. J. Miller.....	do.....	do.....	128,607

SANDY CREEK.

44	Finster.....	Lacona.....	J. J. Miller.....	do.....	do.....	118,145
43	Ingersoll.....	do.....	E. M. Ingersoll.....	Lacona.....	do.....	115,500
42	Salisbury.....	Sandy Creek..	Brayton Salisbury.....	Pulaski.....	do.....	231,000
	Willow Brook.....	do.....	M. E. Shoecraft.....	Sandy Creek.....	Cheese.....	57,179

SCHROEPEL.

31	Gilbert's Mills.....	Phoenix.....	C. H. Burlas.....	Gilberts Mills.....	do.....	111,332
32	Pennellville.....	Schroepel.....	C. F. Barnasky.....	Pennellville.....	do.....	152,072
34	Phoenix No. 1.....	Phoenix.....	A. P. Merriam.....	Phoenix.....	do.....	273,463

SCRIBA.

13	East Scriba.....	Scriba.....	S. Dexter.....	Scriba.....	do.....	45,602
	North Scriba.....	Lycoming.....	George S. Barnard.....	Lycoming.....	do.....	68,044

VOLNEY.

27	Battle Island.....	Volney.....	Charles L. Porter.....	Fulton.....	do.....	120,000
	Bristol Hill.....	do.....	G. D. Trimble.....	Palermo.....	do.....	45,000
29	Druce.....	do.....	I. L. Hale.....	North Volney.....	do.....	32,831
30	Loomis, W. W.....	Ingall's Cross'g	W. W. Loomis.....	Ingalls.....	do.....	223,796
28	Mount Pleasant.....	Volney.....	E. Hale.....	Mount Pleasant.....	do.....	129,395
	Vant.....	do.....	G. D. Trimble.....	Palermo.....	do.....	130,000

OSWEGO COUNTY—WEST MONROE—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
35	West Monroe	Volney	J. W. Mutter	West Monroe	Cheese	87,632	
WILLIAMSTOWN.							
	Green Johnson	Williamstown ..	Miss Alice Johnson ..	Williamstown ..	do	201,540	
	North Williamstown..	Ricard	W. K. Haggerty	Ricard	do	70,000	

OTSEGO COUNTY.

BURLINGTON.

31	Holdredge	W. Burlington ..	R. G. Tuller	West Burlington ..	do	65,000	
34	Johnson, D. C.	Burling. Flats ..	D. C. Johnson	Burlington Flats ..	do	152,600	
	Patent	Burlington	F. B. Rainey	Hartwick	do	66,567	
40	Pashley, G. C.	Burling. Green ..	G. C. Pashley	Burlington	do	145,000	
32	Star	W. Burlington ..	George F. Burke	West Burlington ..	do	110,000	
	Wright, E. W., No. 1	Burling. Flats ..	E. W. Wright	Burlington Flats ..	do	154,193	
	Wright, E. W., No. 10	do	do	do	do	67,400	

BUTTERNUTS.

15	Gilbert	Gilbertsville ..	Gilbert & Freer	Gilbertsville ..	B. & C.	110,980	
	Highland	Butternuts	A. L. Hakes & Son ..	do	do	58,485	
	Hillington	Gilbertsville ..	William Curtis	do	Cheese ..	65,000	

14	Maple Grove	E. S. Niles	Morris	Butter	58,214	.....
15	Root	C. P. Root	Gilbertsville	Cheese	.....	59,471
18	Shamrock	C. F. Freer	do	do	57,510

CHERRY VALLEY.

Cherry Valley	J. H. Harrison	Cherry Valley	do	90,000
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DECATUR.

82	Decatur	C. P. Root	Gilbertsville	do	49,030
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EDMESTON.

36	Brockways Edmeston	H. C. Brockway	Richfield	do	100,000
37	Wright, E. W., No. 7	E. W. Wright	Burlington Flats	do	80,162

EXETER.

55	Brainard's Corners	Exeter	Richfield	do	.....	79,000
56	Brockway's Wilmarth	do	do	do	.....	82,000
63	Exeter	do	Exeter	Butter	23,400	.....
64	Pleasant Valley	do	Richfield	Cheese	.....	140,000
57	Ryder, J. J.	Schuyler Lake	Schuyler Lake	do	.....	77,321
54	Schuyler Lake	do	do	do	.....	88,256
	West Exeter	Exeter	Richfield	do	.....	130,000

HARTWICK.

48	Hartwick Seminary	Hartwick	Gilbertsville	do	.....	61,495
47	South Hartwick	do	do	do	.....	87,479
46	White House	R. D. Lamb	Hartwick	do	.....	103,000

LIST OF BUTTER AND CHEESE FACTORIES.

OTSEGO COUNTY—LAURENS—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod- uct manu- factured at this fac- tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
12	Laurens .....	.....	C. P. Root	Gilbertsville	Cheese	.....	70,638
13	West Laurens .....	.....	do	do	Butter	68,540 .....	.....
MARYLAND.							
79	Elk Creek	Elk Creek	C. L. Murphy	Elk Creek	Cheese	.....	63,000
MIDDLEFIELD.							
76	Clarksville	Middlefield	Charles Fitch	Clarksville	do	.....	75,000
74	Hubble Hollow	do	C. Haynor	Middlefield Center	do	.....	58,912
75	Lentsville	Lentsville	W. L. Wicks	Lentsville	do	.....	90,000
77	Middlefield	Middlefield	T. F. O'Connell	Middlefield	do	.....	68,000
73	Stanley	do	Clifford J. Hines	Middlefield Center	do	.....	72,642
81	Westville	Westville	W. H. Birch	Westville	do	.....	32,950
MILFORD.							
49	Milford Center	Milford Center	R. G. Peet	Mt. Vision	do	.....	82,955
MORRIS.							
23	Dimmick Hollow	Morris	C. P. Root	Gilbertsville	do	.....	53,871
19	Elm	do	O. F. Hawley	Morris	do	.....	38,959
20	Harris	do	C. P. Root	Gilbertsville	do	.....	66,516
22	Morris	do	E. R. Hunt	Morris	do	.....	51,370

LIST OF BUTTER AND CHEESE FACTORIES.

85

NEW LISBON.

30	Co-operative	Garrettsville ..	T. Miller.....	Garrettsville ..	do	.....	91,000
25	E. E.....	.....	R. G. Peet	Mt. Vision	do	.....	30,676
27	Fall Brook .....	.....	do	do	do	.....	75,719
26	Gregory, L. W.	Welcome.....	L. W. Gregory	Welcome	do	.....	49,800
29	Gregory, S. C. ....	.....	C. P. Root.....	Gilbertsville ..	do	.....	72,121
28	Lena .....	.....	E. R. Hunt.....	Morris	do	.....	67,582
24	New Lisbon .....	.....	C. P. Root	Gilbertsville ..	do	.....	58,000

ONEONTA.

10	Oneonta Plains .....	.....	Fred Tabor	Oneonta	do	.....	73,026
11	Wilber Lake.....	.....	Jas. Taylor	do	do	.....	44,319

OTEGO.

8	Briar Creek .....	.....	Fred Tabor.....	Wells Bridge.....	Butter	76,044	.....
9	Cold Spring .....	.....	E. S. Niles	Morris	do	31,341	.....
6	Flax Island .....	.....	C. P. Root.....	Gilbertsville ..	Cheese	.....	37,811
7	Silver Spring	Otsdawa	A. W. Brumaghin	Otsdawa	Butter	50,000	.....
5	Star	Otego	A. Davis.....	Otego	C. & B.	75,000	75,000

OTSEGO.

53	German .....	.....	August Aufmuth	Fly Creek.....	Cheese	.....	98,000
41	Kinney, J. P. ....	.....	Mrs. J. P. Kinney	Snowden.....	do	.....	37,287
51	Oakville.....	Oakville	Will Bailey	Oakville	do	.....	60,009
44	Sponenberg, W. H.	Fly Creek.....	W. H. Sponenberg	Fly Creek.....	do	.....	60,634
43	Wileytown	Oakville	L. P. Young	Oakville	do	.....	26,470

LIST OF BUTTER AND CHEESE FACTORIES.

OTSEGO COUNTY—PLAINFIELD—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
65	Branch.....	Plainfield	E. D. Lamb	Plainfield Center.....	Cheese	.....	29,877
69	Brockway No. 8.....	.....	H. C. Brockway	Richfield.....	do	.....	163,000
68	Lloydsville .....	.....	K. J. Wing.....	Unadilla Forks.....	do	.....	76,560
66	Plainfield Union.....	.....	D. D. Lamb.....	Plainfield Center.....	do	.....	115,890
67	Wright, E. W.....	Leonardsville..	E. W. Wright	Burlington Flats.....	do	.....	111,305
RICHFIELD.							
58	Brighton	Brighton.....	Charles Ames.....	Richfield Springs.....	do	.....	30,000
59	Brockway No. 1.....	.....	H. C. Brockway	Richfield.....	do	.....	152,000
62	Brockway No. 3.....	.....	do	do	do	.....	101,000
51	Joslyn .....	.....	do	do	do	.....	60,000
ROSEBOOM.							
81	Roseboom	Roseboom	J. H. Harrison	Cherry Valley	do	.....	76,000
	South Valley	do	C. P. Root.....	Gilbertsville.....	do	.....	38,484
SPRINGFIELD.							
72	East Springfield.....	E. Springfield ..	James Cotton	East Springfield	do	.....	30,193
71	Springfield Centre...	Springfield Cen.	F. J. Martell.....	Springfield Centre ...	B. & O.	30,000	170,771

UNADILLA.

Unadilla Centre.....	Unadilla Centre	York & Brown	Unadilla	Butter	77,000
Unadilla	Unadilla	H. Y. Canfield.....	do	do	234,827
Wells Bridge	Wells Bridge..	Eugene Earl	Wells Bridge.....	do	75,000
Wells Bridge Station	do	.. Frank E. Conse.....	New York City.....	do	1,000

WESTFORD.

Westford.....	Westford	C. E. McRorie.....	Westford	Cheese	105,000
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WORCESTER.

Worcester.....	C. P. Root.....	Gilbertsville.....	do	82,142
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RENSSELAER COUNTY.

HOOSICK.

2 Buskirks	Buskirks.....	E. B. Chase	Buskirks	Butter	35,675
Hoosic.....	Hoosic	A. W. Hawks	Hoosic	do	24,167

ST. LAWRENCE COUNTY.

BRASHER.

75 Bell	Brasher Falls..	Bell Brothers.....	Brasher Falls	do	108,430
Grow's .....	.....	Sidney G. Grew.....	Hegansburg.....	do	65,000
York State.....	Helena	Hall & Langtry.....	Helena	do	144,872

ST. LAWRENCE COUNTY—CANTON—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
79	Apple Grove.....	.....	W. A. Aldrons	Canton	B. & C	14,342	111,926
	Canton Village.....	.....	J. Guinn	do	do	123,204	132,097
	Crary Mills	Crary Mills	G. A. Moore	Crary Mills.....	Butter	104,850	.....
81	East Canton .....	.....	H. E. Truesdell	Canton.....	Cheese	.....	89,405
	Taville .....	.....	Eugene Gray	Morley	do	.....	100,719
83	Highland .....	.....	W. E. Brainerd	Canton	do	.....	111,920
	High Falls	Pyrites	A. J. Gilson	Pyrites.....	do	.....	10,000
83	Jerusalem .....	.....	J. Lincoln & Sons	Canton	B. & C.	12,092	110,248
84	Langdon Spring .....	.....	F. H. & I. C. Leonard	Crary Mills	Butter	177,940	.....
	Long Rapids	Morley	F. E. Farmer	Morley	do	117,394	.....
85	Rens. Falls	Rens. Falls	H. L. Grant	Rensselaer Falls	B. & C.	34,953	232,663
86	Settlement.....	.....	Fred Clealand	Canton.....	Cheese	.....	110,150
87	South Canton .....	.....	J. H. Lalone	do	Butter	163,588	.....
COLTON.							
90	Colton Village .....	.....	B. N. Bicknell	Colton	do	60,000	.....
	Wildwood .....	.....	Brown & Russell	do	B. & C.	60,000	63,897
DE KALB.							
37	Biche	Bigelow	Frank Biche	Bigelow	Cheese	.....	67,171
39	Brees .....	.....	Earnest Noble	Richville.....	do	.....	90,730
40	Cow Path .....	.....	M. J. Johnson	De Kalb Junction	do	.....	83,864
45	Cheshire .....	.....	William Fairbanks	do	do	.....	154,952

De Kalb.....	McAdams & Thraves.....	De Kalb.....	B. & C.	146,056
43 East De Kalb.....	G. A. Lalone.....	De Kalb Junction.....	do	219,094
43 Howard.....	H. L. Grant.....	Rensselaer Falls.....	Cheese	186,264
Maple Ridge.....	Frank Fanning.....	Richville.....	do	71,004
38 Richville.....	Renford Stevenson.....	do	do	250,818
Rock Bottom.....	C. A. Royce.....	do	do	130,000
47 Scofield.....	J. L. Wood.....	De Kalb Junction.....	do	157,897

DE PEYSTER.

48 De Peyster No. 1.....	De Peyster.....	De Peyster.....	do	170,000
De Peyster No. 2.....	Griffin & Hazelton.....	do	do	98,000
50 Fish Creek.....	McAdam & Young.....	Edenton.....	do	175,781
49 Royal.....	S. N. Rickett.....	De Peyster.....	do	160,000
West Howard.....	Jesse Wood.....	do	do	109,274

EDWARDS.

162 Belleville.....	E. A. Sheffner.....	Edwards.....	B. & C.	99,994
161 Edwards Village.....	A. P. Brown.....	do	do	251,023
163 Pleasant Valley.....	G. L. Bartlett.....	do	Cheese	103,336

FINE.

18 White Clover.....	H. Ames.....	Fine.....	do	31,370
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FOWLER.

19 Fowler.....	Little York.....	Fowler.....	Butter	46,275
20 Halesboro.....	Halesboro.....	Halesboro.....	do	100,863
22 Island Branch.....	J. A. Mills.....	Gouverneur.....	Cheese	156,103
21 West Fowler.....	B. Sterling.....	do	do	73,450

LIST OF BUTTER AND CHEESE FACTORIES.

ST. LAWRENCE COUNTY—GOUVERNEUR—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod- uct manu- factured at this fac- tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
24	Cream of the Valley.	.....	A. W. Overacker.....	Gouverneur.....	Cheese	.....	252,197
25	Crystal Springs.....	.....	W. H. Gaddis.....	do.....	do	.....	68,628
26	East Gouverneur.....	.....	W. A. Freeman.....	do.....	do	.....	148,781
27	Elmdale.....	Elmdale.....	L. J. Goodison.....	Elmdale.....	do	.....	107,771
28	Gouverneur.....	Gouverneur.....	J. F. Hodgkin.....	Gouverneur.....	B. & C.	55,940	68,242
29	Gouverneur No. 1.....	.....	G. W. Cameron.....	do.....	Cheese	.....	163,000
30	Johnstown Street.....	.....	M. Gebler.....	Philadelphia.....	do	.....	57,000
31	Osburn Lake.....	.....	Frank Geodson.....	Osburnville.....	do	.....	119,043
32	Rock Island.....	.....	Dolph Cameron.....	Gouverneur.....	do	.....	132,456
33	South Gouverneur.....	.....	James Mills.....	do.....	Butter	67,450	.....
HAMMOND.							
12	Bickelhaupt's Comb. No. 1.....	.....	A. Bickelhaupt.....	Redwood.....	Cheese	.....	72,526
13	Caloboga.....	.....	Catlin & Donald.....	do.....	do	.....	51,551
14	Hammond.....	.....	George McAdam.....	Hammond.....	do	.....	112,700
15	Marvin Hill.....	.....	Moore, Johnson & Moore.....	North Hammond.....	do	.....	140,000
16	North Hammond.....	.....	F. H. Fitch.....	do.....	do	.....	142,698
17	Norton.....	.....	A. Norton.....	Hammond.....	do	.....	35,703
18	1600 Island.....	Chippewa Bay.	D. F. Babcock.....	Chippewa Bay.....	do	.....	97,685

HERMON.

154|Elm Grove	E. J. Grant	Bigelow	do	.....	179, 128
155|Marshville	J. Evans	Hermon	do	.....	74, 170
159|Porter Hill	E. T. Williams	do	do	.....	59, 296
Red Star	C. F. Woods	Bigelow	do	.....	82, 813
156|Rose Bud	Western Bros	Hermon	B. & C.	98, 340	48, 157
157 South Hermon	George L. Bush	Gouverneur	Cheese	136, 400

WEST HERMON.

158 West Hermon	R. M. Mills	Hermon	do	130, 858
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HOPKINTON.

136 Cold Spring	W. H. Oliver	Hopkinton	Butter	39, 820
137 Fort Jackson	Mrs. Charles Hodgkins	Fort Jackson	do	127, 021
Highlands	D. J. Terise	Parishville	do	22, 622	.....
138|Lyde Brook	C. L. Moulton	Hopkinton	do	100, 103	.....

LAWRENCE.

132|Deer River	W. S. Jenkins	Nicholville	do	78, 854	.....
133|Eagle	D. E. Sanford	do	do	45, 000	.....
134|Lawrenceville	L. L. Dewey	Lawrenceville	do	145, 380	.....

ST. LAWRENCE COUNTY—LISBON—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod- uct manu- factured at this fac- tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
64	Alpha	.....	E. C. Gray	Morley	Butter	71,716	.....
	Centennial	.....	T. Erwin	Ogdensburg	do	11,101	.....
	Cold Spring	.....	R. H. Keyes	Lisbon Center	do	42,897	.....
72	East Lisbon	.....	J. O. Speers	Flackville	Cheese	.....	72,015
66	Excelsior	.....	H. G. Mayne	Lisbon Center	Butter	67,887	.....
74	Flackville	.....	G. C. Fuller	Canton	Cheese	.....	73,000
	Gilt Edge	.....	Thomas Fletcher	Ogdensburg	Butter	43,139	.....
	Ideal	.....	C. B. Wright	Lisbon Center	do	65,718	.....
	Keystone	.....	Maurice Speer	do	do	70,575	.....
69	Meervey	.....	Frank Farmer	Morley	do	29,212	.....
	Morey Ridge	.....	Hiram Murdia	Madrid	do	22,489	.....
71	North Lisbon	.....	Edward Burns	Boice	do	69,611	.....
	Spaulding	.....	J. E. Beswick	Morley	do	63,646	.....
67	Sunrise	.....	W. F. Thornhill	Flackville	Cheese	.....	78,821
70	Union	.....	W. M. Middlemast	Madrid	Butter	50,322	.....
LOUISVILLE.							
	Riverside	.....	Chase Mills	Chase Mills	do	57,796	.....
122	Wilson	.....	A. I. Harriman	Louisville	do	245,709	.....
	Brasie Corners	.....	W. F. Wilson	Brasie Corners	Cheese	.....	205,180
		.....	E. C. Curtis	Brasie Corners	Cheese	.....	205,180

MACOMB.

33|Clover Hill.....	Popes Mills.....	Popes Mills.....	do.....	95,517
34|Cold Spring.....	E. A. Hurst.....	Macomb.....	do.....	120,922
California.....	John Cooper.....	do.....	do.....	89,518
Griffith.....	S. J. Morris.....	Popes Mills.....	do.....	86,130
35|Hickory Lake.....	Benjamin Goodwin.....	Hickory.....	do.....	78,000

MASSENA.

Center.....	Massena Center.....	Massena Center.....	Butter.....	130,909
Maple Leaf.....	S. Barnard.....	Potsdam.....	Cheese.....	34,527
Massena.....	Simpson & McIntyre.....	Boston, Mass.....	Butter.....	850,000
Riverside.....	H. F. Gallinger.....	Mille Roche, Ont., Can.....	Cheese.....	11,766
St. Lawrence.....	C. D. Tracey.....	Massena.....	Butter.....	51,288
126|Town Line.....	J. L. Hyde.....	do.....	do.....	95,203

MORRISTOWN.

Cedar Grove.....	Frank Joy.....	Morristown.....	Cheese.....	72,781
55|Center.....	J. J. Farrell.....	do.....	do.....	120,500
Cedar Grove.....	J. F. Joyce.....	do.....	do.....	77,014
McAdam Co. No. 1.....	McAdam & Weaver.....	Hammond.....	do.....	135,929
McAdam Co. No. 3.....	McAdam & Kellor.....	do.....	do.....	68,571
57|Silver Gem.....	George W. Brown.....	Edwardsville.....	do.....	120,000
56 St. Lawrence.....	Frank Northrup.....	Brier Hill.....	do.....	92,074

MADRID.

Village System.....	W. R. Boynton & Co.....	Norwood.....	Butter.....	350,000
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NORFOLK.

119 Village System.....	W. R. Boynton & Co....	do.....	do.....	200,000
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ST. LAWRENCE COUNTY—OSWEGATCHIE—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
59	Elm Grove	Oswegatchie...	C. F. Jones.....	Ogdensburg	Cheese	.....	148,160
60	Fair View	Heuvelton.....	Thomas Caldwell	Heuvelton	do	.....	117,194
62	Frontier .....	.....	William Lang	Ogdensburg	do	.....	91,000
58	Heuvelton.....	Heuvelton.....	A. D. Hargrave.....	Heuvelton.....	B. & C.	14,772	210,436
61	Morning Star.....	Galilee.....	J. P. Warren	Galilee.....	Cheese	.....	134,819
63	Oswegatchie .....	.....	J. J. Farrell.....	Morristown	do	.....	136,000
PARISHVILLE.							
141	Parishville .....	.....	W. H. De Carr.....	Parishville	Butter	57,272	.....
141	West Parishville .....	.....	Seth Benson	Hannawa Falls, N. Y.	Cheese	.....	111,086
PIERREPONT.							
146	Eastman .....	.....	Harvey Gill	West Pierrepont.....	B. & C.	24,000	53,000
146	P. P. Hill .....	.....	J. W. Ceon	Pierrepont	Butter	49,985	.....
146	West Pierrepont .....	.....	Nelson Allen.....	West Pierrepont.....	B. & C.	54,000	47,206
PITCAIRN.							
161	Jenney Creek.....	Pitcairn	P. J. Kinnie.....	Pitcairn	Cheese	.....	50,000

POTSDAM.

91 Empire State	Lewis Bros.	West Potsdam	do	47,206
92 Five Corners	E. N. Chappel & Co.	Potsdam	do	50,000
98 Grass River	R. N. Lawrence	Bucks Ridge	Butter	253,871
94 Hewittville	Miles F. Church	Potsdam	do	109,752
95 Potsdam	H. N. & N. E. Clark	do	do	85,896

ROSSIE.

Babcock	R. H. Babcock	Rossie	do	251,001
9 Bickelhaupt's Comb. No. 11	A. Bickelhaupt	Radwood	B. & C.	19,151
7 Dupontville	C. J. Shonlette	Rossie	Cheese	90,663
2 Hodgkin	J. W. Berry	Spragueville	do	13,967
6 Rossie	Shonlette Bros.	Rossie	B. & C.	148,217
5 Scotch Settlement	C. Dugan	do	Cheese	165,204
4 Somerville	J. W. Marshall	Somerville	do	73,037
1 Steele's Corners	Steeles Corners. J. H. Berry	Spragueville	B. & C.	103,504
3 Wegatchie	L. G. Sheldon	Wegatchie	Cheese	7,000
				89,541

RUSSELL.

Orange	C. F. Clark	Canton	do	146,900
152 Plum Creek	W. O. Goodson	South Russell	Butter	268,842

STOCKHOLM.

Buckton	Elliott & Chambers	Buckton	Cheese	75,012
Crystal Spring	D. B. Seaver	Stockholm Center ..	Butter	98,103
Clear Spring	A. P. Larrabee	West Stockholm	do	44,950
99 Elliott	S. Chambers	Buckton	do	21,600

ST. LAWRENCE COUNTY—STOCKHOLM—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
100	Gray.....		C. A. Chellis	Winthrop.....	Butter	68,356	.....
101	Richdale.....		W. Wadsworth & Son..	North Stockholm...	do	40,200	.....
102	Riverside.....		M. W. Fenner.....	Southville.....	do	20,910	.....
103	St. Regis Valley.....	Becknelville	G. A. Smith.....	West Stockholm...	do	47,003	.....
98	Southville.....		L. R. Nye.....	Converse.....	do	242,395	.....
	Southville.....		M. W. Fenner.....	Southville.....	Cheese	.....	21,626
105	Winthrop.....	Winthrop	A. J. Lamb.....	Winthrop.....	Butter	127,529	.....

WADDINGTON.

114	Brandy Brook.....		W. S. Dickinson.....	Waddington.....	do	109,012	.....
113	Champion.....		T. F. Rutherford.....	Chipman.....	do	198,202	.....
	Crapser Island.....		Bert. Crapser.....	Waddington.....	do	309,005	.....
115	Wagner.....		George C. Wagner.....	do.....	do	45,092	.....

SARATOGA COUNTY.

HALFMOON.

Union.....|Mechanicville..|Fayette Baker.....|Mechanicville.....|do|66,656|.....

SARATOGA.

|Saratoga.....|Grangerville...|George B. Thompson...|Bacon Hill.....|do|125,000|.....

SENECA COUNTY.

COVERT.

1 Elgin	Farmer	John F. Villemonte.... Farmer	do	57,468
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SCHENECTADY COUNTY.

DUANESBURGH.

Mariaville	David W. Walpole..... Mariaville..... Cheese	16,000
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SCHOHARIE COUNTY.

RICHMONDVILLE.

3 Warnerville Union...	George Shafer	Cobleskill..... do	80,000
West Richmondville.	W. Richmondv. C. P. Root..... Gilbertsville..... do	45,694	

SEWARD.

1 Seward	Seward	H. Cossard..... Seward	Butter	50,012
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SCHUYLER COUNTY.

DIX.

1 Beaver Dam	Beaver Dam... Eliza Putman..... Beaver Dam..... Cheese		30,000
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ORANGE.

2 Sugar Hill..... C. S. Putnam..... Sugar Hill	do	70,000
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STEUBEN COUNTY.

ADDISON.

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
21	Howell.....	Addison.....	Howell C., M. & C. Co.	Goshen.....	B. & C.	2,000	4,000
AVOCA.							
38	Neels Creek.....	.....	E. P. Climo & Co.....	Avoca.....	Cheese	.....	48,736
37	Wallace.....	Wallace.....	I. F. Barnes.....	Wallace.....	do	.....	36,181
BATH.							
34	Kanona.....	Kanona.....	Henry Dillenbeck.....	Kanona.....	do	.....	3,744
BRADFORD.							
35	Cloverdale No. 18....	.....	O. H. Snyder.....	North Fork, Pa.....	do	.....	51,420
CAMERON.							
27	Howell.....	.....	Cameron Mills.	C. S. Barthelomew.....	Goshen.....	B. & C.	2,000
							36,000
CANISTEO.							
	Bennett Creek.....	.....	W. O. Bassett.....	Bennett Creek.....	Cheese	.....	59,550
25	Canisteeo.....	Canisteeo.....	L. L. Peck.....	Canisteeo.....	Butter	40,802	.....

LIST OF BUTTER AND CHEESE FACTORIES.

39

CATON.

1	Caton.....	C. E. Bower.....	Caton ..	do	80,500
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COHOCTON.

39	Cohocton Valley.....	J. C. Langland	Cohocton	do	1,729
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CORNING.

22	White's	W. M. Thurber.....	Corning	do	3,300
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FREMONT.

36	Big Creek	J. W. Bennett.....	Howard	Cheese	28,140
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GREENWOOD.

16	Cloverdale.....	O. H. Snyder.....	North Fork, Pa.....	do	85,260
17	Greenwood	G. M. Stevens	Greenwood.....	do	61,798
18	Murray	B. Murray	Andover	do	90,000

HARTSVILLE.

23	Call Hill	D. A. Oakes	Purdy Creek	do	80,000
24	Cold Spring	Geo. M. Grow	Alfred Station.....	do	42,582

HORNELLVILLE.

30	Howell.....	Howell Milk & Cream Co.....	Goshen	B. & C.	3,600
29	Willett's	W. H. Willett... ..	Hornellville	Butter	97,140

HOWARD.

31	Howard	Benett & Glover.....	Howard	Cheese	46,000
33	Pond	L. Spaulding.....	do	do	63,240
32	Spaulding, H.....	H. Spaulding.....	do	do	51,711

STEBEN COUNTY—JASPER—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
	Drake.....	Jasper	Jno. J. Stevens.....	Greenwood.....	Cheese	.....	22,568
19	Lime Brook No. 3....	do	T. J. Carmody & Co.....	Jasper.....	do	.....	130,000
20	West Jasper.....	do	N. J. Searl.....	do	do	.....	45,000
LINDLEY.							
2	Cloverdale No. 15 ...	.....	O. H. Snyder.....	North Fork, Pa.....	do	.....	50,270
TROUBSBURG.							
14	Cloverdale No. 3	Troubsburg ...	O. H. Snyder.....	North Fork, Pa.....	do	.....	75,450
8	High Up	do	Porter Stevens.....	High Up.....	do	.....	72,000
7	Troubsburg	do	Jas. McKinley.....	Troubsburg	do	.....	142,407
WEST UNION.							
12	Cloverdale No. 9.....	West Union...	O. H. Snyder.....	North Fork, Pa.....	do	.....	57,430
11	Cloverdale No. 10....	do	do	do	do	.....	110,000
13	Cloverdale No. 12....	do	do	do	do	.....	74,000
	Cloverdale No. 13....	do	do	do	do	.....	58,182
	West Union	do	H. E. Austin.....	Whitesville	do	.....	54,000

WOODHULL.

5	Borden	Woodhull	Chas. W. Carpenter	Borden	do	90,680
4	Hedgesville	do	Searl & McStay	Woodhull	do	32,523
3	Lime Brook No. 2...	do	T. J. Carmody & Co.	Cuba	do	145,000
6	White Clover	do	Wm. Wildrick	Woodhull	do	146,143

SULLIVAN COUNTY.

CALLICOON.

1	Jeffersonville	Jeffersonville ..	V. Scheidell	Jeffersonville	B. & C.	70,000	125,000
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LIBERTY.

	Stevensville	Stevensville ...	Empire State Dairy Co.	502 B'way, Brooklyn	Cheese	54,600
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TIOGA COUNTY.

BARTON.

13	Chemung Valley	Waverly	Chas. Albertson & Son	Waverly	Butter	35,000
11	Lockwood	Lockwood	Lockwood B. & C. Co. |	Lockwood	do |	125,369 |	.....
12	Reniff	Reniff	W. E. Gillett	Reniff	Cheese |	..... |	10,950

BERKSHIRE.

22	Cold Spring	Berkshire	Standard Butter Co.	Owego	Butter |	189,720 |	.....
23	Eureka	Wilson Creek .	do	do	do	73,394

CANDOR.

15	Elgin	Candor	Elgin Creamery Co.	Candor	do	2,865
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TIOGA COUNTY—NEWARK VALLEY—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
18	Blue Grass	Jenksville	Standard Butter Co.	Owego	Butter	99,047	.....
4	Green Valley	Newark Valley	do	do	do	78,919	.....
20	Ketchumville	Ketchumville ..	Jabez Smith	Newark Valley	do	80,000	.....
5	Maple Grove	Newark Valley ..	do	do	do	100,000	.....
17	Model	do	Standard Butter Co.	Owego	do	74,648	.....
19	Perfection	Ketchumville ..	do	do	do	27,472	.....
21	Pleasant Hill	do	C. E. Dean & Co	Ketchumville	do	67,987	.....
16	St. Charles	Newark Valley ..	Standard Butter Co	Owego	do	99,947	.....
6	Willow Brook	West Newark ..	E. E. Angree	West Newark	do	42,000	.....
NICHOLS.							
7	Lounsberry Station ..	Lounsberry ...	Baker Bros.	Nichols	do	11,000	.....
8	Nichols	Nichols	do	do	do	560	.....
OWEGO.							
29	Empire	S. Appalachin ..	W. R. Notwire	South Appalachin	do	6,262	.....
27	Foster Valley	Owego	L. E. Bacon	Union	do	58,000	.....
1	Gilt Edge	do	Standard Butter Co.	Owego	do	135,213	.....
2	Hillside	Gaskill	do	do	do	74,826	.....

RICHFORD.

25 Brookside	Richford	E. F. Belden	Richford	do	99,102
28 Marsh	do	Burr Marsh	Berkshire	do	65,712
26 Turnpike	do	Fred Marsh	Richford	do	54,750

SPENCER.

14 Spencer	Spencer	W. M. Hallock	Spencer	do	117,493
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TIOGA.

3 Clover Hill	Straits Corners	Standard Butter Co.	Owego	do	60,000
24 Fountain Rock	Halsey Valley	do	do	do	73,036
10 Tioga Centre Station	Tioga Centre	Grovenstein & Co.	Philadelphia, Pa.	do	14,775

TOMPKINS COUNTY.

CAROLINE.

1 Caroline .....	.....	P. G. H. Speed	Slaterville Springs.	Cheese	96,655
2 Crystal Fountain	Slaterville Sp'gs	John & G. M. Bull.	do	Butter	324,674
3 Trout Brook	Speedsville.	Standard Butter Co.	Owego	do	91,279

DRYDEN.

4 Dryden Lake	Dryden	M. E. Tripp	Dryden	B. & C.	12,138
5 Etna	Etna	Etna Butter & Cheese Co.	Etna	do	21,375
6 Freeville Station	Freeville	A. J. Flowers & Son	Freeville	Butter	8,700
7 Gee Hill	Dryden	G. Jameson	Dryden	do	41,167
8 Gee Hill	do	Standard Butter Co.	Owego	do	45,263
Howlands	Peruville.	do	do	do	96,879
Peruville Station	do	George Blackman	Peruville	do	2,400

TOMPKINS COUNTY—GROTON—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manufactured at this factory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
10	Groton Station.....	Groton.....	A. W. Wood	Groton	Butter	3,260	.....
11	Lafayette	do	Standard Butter Co....	Owego.....	do	117,984	.....
13	McLean.....	McLean	McLean Creamery Co....	McLean	do	11,800	.....
12	McLean Station.....	do	Joseph Laemmle.....	New York City.....	do	8,580	.....
14	Wild Rose.....	West Groton ..	Standard Butter Co....	Owego.....	do	166,439	.....
CITY OF ITHACA.							
15	Cornell Dairy School|.....	|.....	|Prof. H. H. Wing.....	|Ithaca .....	|B. & C.|	4,000|	9,000
ULYSSES.							
	Trumansburgh Sta...|	|Trumansburgh.	|John Bosth & Son.....	|163 Ellery st., Brook- lyn, N. Y.....	|Butter|	2,880|	.....

WASHINGTON COUNTY.

ARGYLE.

7	Argyle.....	Argyle	C. W. Taylor.....	Argyle	do	29,630|	.....
EASTON.							
	Easton & Greenwich.	Greenwich	J. H. Mealey	Greenwich	do	75,206|	.....
19	South Easton.....	South Easton..	Gifford & Skiff	South Easton.....	Cheese	152,062

FORT ANN.

Hudson Valley	Fort Ann	C. O. Graves	Poultney, Vt	Butter	39,872
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GRANVILLE.

Granville No. 5	South Granville	Joseph Punder	South Granville	Cheese	79,111
Hudson Valley	Middle Granv	C. O. Graves	Poultney, Vt	Butter	105,361
Hudson Valley	West Granville	do	do	do	55,000
12 South Granville	Granville	D. F. Lee	Granville	Cheese	90,000
Slyboro	Slyboro	L. P. Martin	Slyboro	do	37,289

HARTFORD.

15 Old Hartford	Hartford	T. F. Baker	Hartford	do	120,000
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HEBRON.

Hebron Union		Marie Nelson	Granville	do	148,601
11 Hebron Valley	West Hebron	F. P. Hawkins	West Hebron	do	85,000
North Hebron	North Hebron	L. A. Cole	North Hebron	do	110,553

SALEM.

Shushan	Shushan	J. F. Steele	Shushan	do	23,860
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WHITE CREEK.

2 White Creek	White Creek	John Hutchings	White Creek	Butter	64,695
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WHITEHALL.

Hudson Valley	East Whitehall	C. C. Graves	Poultney, Vt	do	16,000
Hudson Valley		do	do	do	18,000

WAYNE COUNTY.

BUTLER.

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
3	Eureka .....	.....	A. P. Peck	Wolcott	Cheese .....	.....	76,000
GALEN.							
1	Clyde	Clyde	Eugene Burt	Clyde	Butter	112,672	.....
HURON.							
	Huron Crystal Spg's .....	.....	Sam Cosad	Wolcott	B. & C.	5,000	48,000
LYONS.							
7	Lyons, B. & C.	Lyons	Jno. S. Jordon	Lyons	Butter	65,602	.....
MACEDON.							
8	Macedon	Macedon	W. D. Herendeen ..	Macedon	do ..	39,069	.....
PALMYRA.							
2	East Palmyra	East Palmyra ..	A. D. Robinson	East Palmyra	do ..	41,529	.....
SAVANNAH.							
11	Savannah	A. P. Smith	Savannah	do ..	150,000

Sodus.

Sodus	P. Langwill..... Sodus	do	44,428
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WILLIAMSON.

4 Eddy Bros	Williamson..... L. C. Eddy..... Williamson.....	B. & C.	700	13,631
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WOLCOTT.

10 Lincoln	Lincoln	G. M. Engert..... Lincoln	Cheese	2,000
Red Creek	Red Creek	G. W. Brinkerhoff..... Red Creek	do	82,667

WYOMING COUNTY.

ARCADE.

1 |Arcade.....	|Arcade .....	|John L. Gibby .....	|Arcade .....	|do	|209,543
4 |North Arcade.....	|do .....	|E. L. Jones .....	|Delevan .....	|do	|45,387
5 |Punkshire .....	|do .....	|E. H. Farrington .....	|Franklinville .....	|do	|80,000
3 |Sandusky No. 7.....	|East Arcade .....	|J. B. Lewis .....	|Sandusky.....	|do	|100,370
2 |Sandusky No. 8 .....	|Arcade .....	|W. H. Wilson .....	|Arcade .....	|do	|204,934
6 |Sandusky No. 11.....	|.....	|J. B. Lewis .....	|Sandusky .....	|do	|69,132

ATTICA.

52 |Attica .....	|Attica .....	|O. S. Adams .....	|Attica .....	|B. & C. |	|35,000|
|Park.....	|do .....	|Robert Norton & Co .....	|do .....	|do |	|2,000|
					|100,000

LIST OF BUTTER AND CHEESE FACTORIES.

WYOMING COUNTY—BENNINGTON—(Continued).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The product manu- factured at this fac- tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
45	Bennington Center ..	Bennington ..	Richardson-Beebe Co ..	East Aurora ..	B. & C.	6,928	48,704
51	Cowlesville ..	Cowlesville ..	do ..	do ..	Butter	61,081	...
48	Elmont ..	Bennington ..	do ..	do ..	B. & C.	10,439	63,996
47	Graff ..	do ..	M. Hasselbeck ..	594 Jeff. St., Buffalo	do	3,755	79,822
49	Krass & Stone ..	do ..	do ..	do	do	3,700	64,685
46	Queen of the Valley ..	do ..	Richardson-Beebe Co ..	East Aurora ..	Butter	61,543	...
50	Ripstine ..	Benningt'n Cen.	M. Hasselbeck ..	Buffalo....	B. & C.	3,600	72,860
EAGLE.							
9	Bliss ..	Bliss ..	E. L. Jones ..	Delevan ..	Cheese	...	55,000
8	Cramer ..	Eagle ..	do ..	do ..	do	...	26,000
7	Eagle ..	do ..	do ..	do ..	do	...	45,000
13	Sandusky No. 4 ..	do ..	J. B. Lewis ..	Sandusky ..	do	...	52,254
10	Sandusky No. 6 ..	do ..	do ..	do ..	do	...	65,208
13	Star No. 4 ..	do ..	T. J. Hubbard ..	Wethersfield ..	do	...	38,000
11	Wing Street ..	do ..	E. O. Wood ..	Wing ..	do	...	38,896

GAINESVILLE.

19	Gainesville	A. L. Tuller	Gainesville	Cheese	100,000
20	Silver Springs	Dixon Bros.	Silver Springs	Butter	88,057

JAVA.

25	Java	Richardson-Beebe Co ..	East Aurora	do	97,836
24	Java Center	do ..	do	Cheese	66,691
28	Java Lake	E. L. Jones	Delevan	do	78,000
26	Java Village	Richardson-Beebe Co ..	East Aurora	Butter	144,601
	North Java	Geo. A. Hoy	Johnsonburg	Cheese	57,500
27	Star No. 2	T. J. Hubbard	Wethersfield	do	44,000

MIDDLEBURY.

55	Dale	Angelo Coforo Co.	Dale	do	23,275
56	Green, G. A.	Geo. A. Green	do	do	56,276

ORANGEVILLE.

	Green, C. A.	C. A. Green	Warsaw	do	80,184
	Johnsonburg	Geo. A. Hoy	Johnsonburg	do	57,500
38	Orangeville Center Valley	John All	Orangeville	do	80,000

WYOMING COUNTY—PERRY—(Concluded).

No.	NAME OF FACTORY.	Post-office of factory.	Proprietor or manager.	Post-office address of proprietor or manager.	The prod-uct manu-factured at this fac-tory is	Number of pounds of butter manufactured per year.	Number of pounds of cheese manufactured per year.
44	Perry	Perry	P. P. Hubbard	Perry	Butter	140,000 .....	.....
PIKE.							
16	Campbell Hill	Pike	E. L. Jones	Delevan	Cheese	.....	48,000
17	East Koy	do	C. H. Bevier	East Koy	do	.....	190,000
18	Griffith Corners	do	Young & Young	Fillmore	do	.....	70,000
14	Pike Centennial	do	Mrs. E. B. Willard	Pike	B. & C.	5,960	144,005
15	Pike Five Corners	do	J. O. Mills	do	Cheese	.....	49,319
SHELDON.							
31	North Sheldon	Sheldon	Richardson-Beebe Co. ..	East Aurora	do	.....	32,449
30	Sheldon	do	do	do	Butter	67,483	.....
34	South Sheldon	do	do	do	do	72,238	.....
33	Strykersville	Strykersville	do	do	do	86,076	.....
35	Tozier	Sheldon	do	do	B. & C	11,281	55,701
37	Varysburg	Varysburg	George A. Hoy	Johnsonburg	Cheese	.....	67,000
36	Victor	Sheldon	M. Hasselbeck	Buffalo	B. & C.	3,200	54,836
32	Yunker	do	do	do	do	4,200	76,287

WARSAW.

43	Warsaw	T. J. Humphrey	Warsaw	Butter	35,000
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WETHERSFIELD.

22	Hermitage	H. E. Dolph	Hermitage	Cheese	97,750
23	Star No. 1	T. J. Hubbard	Wethersfield	do	115,000
21	Wethersfield Springs	Lewis Safford	do	do	.....	73,828

SUMMARY, BY COUNTY AND TOWN, OF BUTTER AND CHEESE MADE IN FACTORIES.

TOWN.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole number of factories.	Whole number of pounds of butter.	Whole number of pounds of cheese.
	Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.			
ALBANY COUNTY.										
Berne	1	.....	1	24,143	.....	.....	.....	.....	.....	24,143
ALLEGANY COUNTY.										
Alfred	5	.....	4	229,391	1	5,426	.....	.....	5,426	229,391
Allen	5	.....	4	404,676	1	2,000	90,507	.....	2,000	495,183
Almond	3	68,000	2	107,882	.....	.....	.....	.....	68,000	107,882
Amity	3	.....	3	394,412	.....	.....	.....	.....	.....	394,412
Andover	3	.....	3	270,232	.....	.....	.....	.....	.....	270,232
Angelica	1	.....	1	93,000	.....	.....	.....	.....	.....	93,000
Belfast	4	.....	3	362,300	1	47,911	172,808	.....	47,911	535,108
Bolivar	1	.....	1	54,586	.....	.....	.....	.....	.....	54,586
Burns	3	.....	2	63,989	1	4,970	60,860	.....	4,970	124,849
Caneadea	4	.....	4	337,558	.....	.....	.....	.....	.....	337,538
Centerville	4	.....	4	413,481	.....	.....	.....	.....	.....	413,481
Clarksville	2	.....	2	275,609	.....	.....	.....	.....	.....	275,609
Cuba	5	75,000	3	396,503	1	8,590	108,642	.....	85,590	507,145
Friendship	5	.....	4	508,042	1	84,327	181,471	.....	34,327	639,513
Genesee	1	.....	1	109,677	.....	.....	.....	.....	.....	109,677
Granger	1	.....	1	84,327	.....	.....	.....	.....	.....	84,327

Grove	1	.....	.....	40,204	.....	.....	.....	40,204
Hume	6	.....	.....	479,366	.....	113,959	10,500	593,325
Independence	4	.....	.....	454,001	.....	.....	.....	454,001
New Hudson	7	.....	.....	719,275	.....	.....	.....	719,275
Rushford	7	.....	.....	730,911	.....	.....	.....	730,911
Scio	3	.....	.....	291,129	.....	.....	.....	291,129
Ward	4	.....	.....	366,854	.....	.....	.....	366,854
Wellsville	1	.....	.....	85,832	.....	.....	.....	85,832
West Almond	2	.....	.....	184,967	.....	.....	.....	184,967
Willing	3	.....	.....	247,261	.....	.....	.....	247,264
Wirt	3	.....	.....	194,207	.....	.....	.....	194,307

BROOME COUNTY.

Barker	1	.....	.....	81,092	.....	.....	.....	81,092
Binghamton	4	4	.....	.....	.....	.....	41,946	.....
Chenango	1	1	.....	.....	.....	.....	42,612	.....
Colesville	9	7	.....	47,232	.....	.....	411,932	47,232
Conklin	1	.....	.....	800	.....	.....	.....	800
Fenton	1	.....	.....	82,693	.....	.....	.....	82,693
Kirkwood	1	1	.....	.....	.....	.....	2,000	.....
Lisle	6	6	.....	.....	.....	.....	231,479	.....
Maine	2	2	.....	.....	.....	.....	75,763	.....
Nanticoke	3	3	.....	.....	.....	.....	119,892	.....
Sanford	3	2	.....	.....	.....	.....	209,819	12,387
Triangle	5	2	.....	18,795	.....	12,387	166,920	168,795
Union	2	2	.....	.....	.....	150,000	124,057	.....
Vestal	5	5	.....	.....	.....	.....	245,807	.....
Windsor	2	1	.....	39,800	.....	.....	21,845	39,800

SUMMARY BY COUNTY AND TOWN, ETC.—(Continued).

TOWN.	Whole number of factories.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole number of pounds of butter.	Whole number of pounds of cheese.
		Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.		
CATARAUGUS COUNTY.										
Allegany	5	1	3,867	4	388,901	.....	.....	.....	3,867	388,901
Ashford	11	.....	.....	11	846,410	.....	.....	.....	.....	846,410
Cold Spring	2	.....	.....	.....	169,699	.....	.....	.....	.....	169,699
Conewango	6	3	.....	.....	186,282	3	53,110	804,510	53,110	500,792
Dayton	4	1	60,000	3	249,250	.....	.....	.....	60,000	249,250
East Otto	5	.....	.....	.....	732,005	.....	.....	.....	.....	732,005
Elko	1	1	32,000	.....	.....	.....	.....	.....	.....	32,000
Ellicottville	8	1	115,030	6	426,480	1	3,262	82,357	118,292	508,837
Farmersville	8	.....	.....	8	661,672	.....	.....	.....	.....	661,672
Franklinville	7	.....	.....	7	657,987	.....	.....	.....	.....	657,987
Freedom	4	.....	.....	4	527,043	.....	.....	.....	.....	527,043
Great Valley	3	.....	.....	3	248,624	.....	.....	.....	.....	248,624
Hinsdale	3	.....	.....	3	503,342	.....	.....	.....	.....	503,342
Humphrey	5	.....	.....	5	406,872	.....	.....	.....	.....	406,872
Ischua	4	.....	.....	4	489,700	.....	.....	.....	.....	489,700
Leon	5	.....	.....	5	293,994	.....	.....	.....	.....	293,994
Little Valley	2	.....	.....	2	308,000	.....	.....	.....	.....	308,000
Lyndon	4	.....	.....	4	406,042	.....	.....	.....	.....	406,042
Machias	6	.....	.....	4	370,954	2	12,568	140,368	12,568	511,517

Mansfield	6	.....	.....	5	457,040	1	9,387	228,361	9,387	685,401
Napoli	3	.....	.....	3	395,415	.....	.....	.....	.....	395,415
New Albion	3	.....	.....	3	489,485	.....	.....	.....	.....	498,485
Otto	7	.....	.....	5	673,161	1	4,153	125,775	4,153	798,936
Perrysburg	2	.....	.....	3	160,724	.....	.....	.....	.....	160,724
Persia	2	.....	.....	2	131,334	.....	.....	.....	.....	131,334
Portville	4	1	3,670	3	291,427	.....	.....	.....	3,670	291,427
Randolph	3	.....	.....	2	191,918	1	27,789	79,574	27,789	271,492
Red House	1	.....	.....	1	55,095	.....	.....	.....	.....	55,095
South Valley	1	1	40,000	.....	.....	.....	.....	.....	40,000	.....
Yorkshire	6	.....	.....	6	269,000	.....	.....	.....	.....	269,000

CAYUGA COUNTY.

Cato	2	1	42,621	1	66,524	.....	.....	.....	42,621	66,524
Ledyard	1	1	78,974	.....	.....	.....	.....	.....	78,974	.....
Moravia	1	.....	.....	.....	101,416	.....	.....	.....	.....	101,416
Sempronious	2	1	90,000	1	77,886	.....	.....	.....	90,000	77,886
Sennett	1	1	191,090	.....	.....	.....	.....	.....	191,090	.....
Sterling	1	.....	.....	1	56,805	.....	.....	.....	.....	56,805
Summer Hill	2	1	54,750	1	58,660	.....	.....	.....	54,750	58,660
Venice	1	1	75,915	.....	.....	.....	.....	.....	75,915	.....

CHEMUNG COUNTY.

Big Flats	1	1	10,020	.....	.....	.....	.....	.....	10,020	.....
Elmira	5	5	44,115	.....	.....	.....	.....	.....	44,115	.....
Horseheads	2	1	350,000	1	.....	1	108,704	90,000	458,704	90,000

SUMMARY BY COUNTY AND TOWN, ETC.—(Continued.)

TOWN.	Whole number of factories.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole num- ber of pounds of butter.	Whole num- ber of pounds of cheese.
		Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.		

CHAUTAQUA COUNTY.										
Arkwright.....	4	.....	.....	4	301,049	.....	.....	.....	.....	301,049
Busti.....	1	1	151,111	.....	.....	.....	.....	.....	151,111	.....
Carroll.....	5	5	333,571	.....	.....	.....	.....	.....	333,571	.....
Charlotte.....	4	.....	.....	4	338,301	.....	.....	.....	.....	338,301
Chautauqua.....	6	1	92,512	5	357,971	.....	.....	.....	92,512	357,971
Cherry Creek.....	2	.....	.....	2	259,348	.....	.....	.....	.....	259,348
Clymer.....	5	5	284,657	.....	.....	.....	.....	.....	284,657	.....
Ellery.....	7	1	26,931	6	463,840	.....	.....	.....	.....	463,840
Ellicott.....	1	1	118,774	.....	.....	.....	.....	.....	118,774	.....
Ellington.....	4	.....	.....	2	238,416	2	61,081	246,015	61,081	484,431
French Creek.....	3	3	258,595	.....	.....	.....	.....	.....	258,595	.....
Gerry.....	5	3	161,000	2	83,643	.....	.....	.....	161,000	83,643
Hanover.....	2	.....	.....	2	151,896	.....	.....	.....	.....	151,896
Harmony.....	7	4	274,213	3	153,559	.....	.....	.....	274,213	153,559
Kiantone.....	2	.....	.....	2	123,093	.....	.....	.....	.....	123,093
Mina.....	2	2	156,532	.....	.....	.....	.....	.....	156,532	.....
Poland.....	2	1	90,094	.....	.....	1	16,645	157,313	106,739	157,313

Pomfret.....	1	.....	1	54,560	.....	.....	54,560
Ripley.....	3	2	.....	.....	18,000	66,451	3,000
Sherman.....	3	3	.....	.....	.....	607,095	.....
Stockton.....	5	2	3	151,209	.....	78,075	151,209
Villanova.....	3	.....	3	203,595	.....	.....	203,595

CHENANGO COUNTY.

Afton.....	2	2	.....	.....	.....	17,000	.....
Bainbridge.....	3	2	1	64,961	.....	400,008	64,961
Columbus.....	3	.....	.....	.....	85,906	85,906	195,599
Coventry.....	3	1	.....	.....	16,512	60,868	60,868
German.....	1	.....	1	.....	15,530	48,868	48,868
Greene.....	9	3	3	189,741	54,101	164,601	458,188
Guilford.....	8	2	2	75,175	25,046	144,735	219,910
Lincklaen.....	3	2	2	119,031	17,559	303,248	189,483
McDonough.....	1	.....	1	90,000	.....	17,559	90,000
New Berlin.....	4	.....	1	85,542	26,977	26,977	180,603
North Norwich.....	2	.....	1	63,714	18,800	18,800	138,914
Norwich.....	7	3	1	85,000	46,714	157,384	271,843
Otselic.....	3	.....	1	89,062	43,694	43,694	357,558
Oxford.....	5	1	.....	.....	49,440	72,440	178,509
Pharsalia.....	3	.....	2	153,109	3,550	3,550	203,376
Pithier.....	3	.....	1	78,797	46,424	164,744	237,541
Plymouth.....	4	.....	1	73,156	44,235	44,235	347,943
Preston.....	2	.....	2	181,816	.....	.....	181,816
Sherburne.....	7	1	4	145,672	16,713	131,817	277,489
Smithville.....	5	.....	2	105,000	16,480	133,122	228,122
Smyrna.....	6	.....	3	128,422	53,352	132,948	261,370

SUMMARY BY COUNTY AND TOWN, ETC.—(Continued).

TOWN.	Whole number of factories.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole num- ber of pounds of butter.	Whole num- ber of pounds of cheese.	
		Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.			
CLINTON COUNTY.											
Altona.....	3	3	178,838	.....	.....	.....	.....	.....	178,838	.....
Beekmantown.....	3	3	107,433	.....	.....	.....	.....	.....	107,433	.....
Champlain.....	1	1	50,000	.....	.....	.....	.....	.....	50,000	.....
Chazy.....	2	2	211,904	.....	.....	.....	.....	.....	211,904	.....
Clinton.....	3	.....	196,057	.....	.....	.....	.....	.....	196,057	.....
Dannemora.....	1	1	40,656	.....	.....	.....	.....	.....	40,656	.....
Ellenburg.....	7	7	393,424	.....	.....	.....	.....	.....	393,424	.....
Mooers.....	5	5	247,562	.....	.....	.....	.....	.....	247,562	.....
Peru.....	3	1	37,216	1	49,668	1	22,353	99,340	59,569	149,008	
Plattsburg.....	1	1	34,434	.....	.....	.....	.....	.....	34,434	.....
Saranac.....	2	2	40,269	.....	.....	.....	.....	.....	40,269	.....
COLUMBIA COUNTY.											
Canaan.....	1	1	12,000	.....	.....	.....	.....	.....	12,000	.....

CORTLAND COUNTY.

Cincinnati.....	2	.....	.....	.....	2	41,260	36,986	41,260	36,986
Cortlandville	6	1	25,000	2	130,007	3	37,500	52,500	195,507
Cuyler.....	5	1	11,011	2	28,940	2	33,245	48,266	78,000
Freetown.....	4	3	130,902	.....	.....	1	6,737	137,639	91,300
Harford	4	3	29,845	1	143,390	.....	.....	29,845	143,390
Homer	7	5	274,773	1	83,745	1	2,880	277,653	83,498
Lapeer	3	1	37,500	2	178,055	.....	.....	37,500	178,055
Marathon.....	4	.....	.....	3	156,333	1	4,000	4,000	160,333
Preamble	1	.....	.....	.....	.....	1	4,675	4,675	3,150
Scott	1	.....	.....	1	123,218	.....	.....	.....	122,218
Solon	4	.....	.....	2	92,348	2	27,592	27,592	232,375
Taylor	4	.....	.....	1	57,871	3	51,426	51,426	269,773
Truxton.....	5	2	111,593	2	242,859	1	900	112,493	267,434
Virgil.....	2	.....	.....	.....	.....	2	64,924	64,924	81,618
Willett.	4	.....	.....	2	88,071	2	16,648	16,648	212,579

DELAWARE COUNTY.

Colchester.....	1	1	197,075	.....	.....	.....	.....	197,075	.....
Davenport.....	1	.....	.....	.....	.....	.....	69,425	69,425	118,520
Franklin	3	.....	178,400	.....	.....	1	60,000	238,400	100,000
Hamden	1	1	10,417	.....	.....	.....	.....	10,417	.....
Masonville	2	2	181,473	.....	.....	.....	.....	181,473	.....
Sidney	1	.....	.....	.....	.....	1	18,000	18,000	36,600
Tompkins	4	.....	237,142	.....	.....	1	119,783	356,925	5,992

DUTCHESS COUNTY.

La Grange.....	1	1	105,748	.....	.....	.....	.....	105,748	.....
Pleasant Valley....	1	1	59,714	.....	.....	.....	.....	59,714	.....

SUMMARY BY COUNTY AND TOWN, ETC.—(Continued).

TOWN.	Whole number of factories.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole number of pounds of butter.	Whole number of pounds of cheese.
		Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.		
ERIE COUNTY.										
Alden.....	1	1	32,000	...	...	...	...	...	32,000	...
Aurora.....	1	1	62,306	...	...	...	...	...	62,306	...
Boston.....	3	...	...	2	107,302	1	3,000	70,758	3,000	178,035
Clarence.....	1	1	118,640	...	...	...	...	...	118,640	...
Colden.....	4	...	...	3	146,220	1	3,419	82,814	3,419	129,034
Collins.....	6	...	...	6	513,006	...	...	...	...	513,006
Concord.....	12	...	...	12	1,013,715	...	...	...	...	1,013,715
Eden.....	4	...	...	1	74,425	3	6,300	100,358	6,300	174,788
Grand Island.....	1	1	54,205	...	...	...	...	...	54,205	...
Hamburg.....	1	...	...	...	...	1	2,000	22,000	2,000	22,000
Holland.....	3	2	165,910	1	34,781	...	...	...	165,910	34,781
Marilla.....	1	1	56,134	...	...	...	...	...	56,134	...
Newstead.....	1	1	41,069	...	...	...	...	...	41,069	...
North Collins.....	4	...	...	4	324,465	...	...	...	...	324,465
Sardinia.....	8	...	...	8	507,935	...	...	...	...	507,935
Wales.....	3	...	...	3	252,023	...	...	...	...	252,023

FRANKLIN COUNTY.

Bangor	7	7	345,857	.....	.....	.....	345,857	.....
Bellmont	3	3	167,170	.....	.....	.....	167,170	.....
Bombay	2	1	212,000	1	.....	98,550	212,000	98,550
Brandon	1	1	39,884	.....	.....	.....	39,884	.....
Burke	7	6	318,567	1	.....	63,858	318,567	63,858
Chateaugay	6	5	270,350	.....	1	.....	390,350	75,600
Constable	1	1	45,735	.....	.....	.....	45,735	.....
Dickinson	2	2	167,849	.....	.....	.....	167,849	.....
Fort Covington	2	2	190,000	.....	.....	.....	190,000	.....
Malone	4	4	161,266	.....	.....	.....	161,266	.....
Moirs	5	5	246,141	.....	.....	.....	246,141	.....
Westville	1	1	67,362	.....	.....	.....	67,362	.....

FULTON COUNTY.

Johnstown, City of	1	1	38,000	..	.....	.....	38,000	.....
Oppenheim	1	1	.....	1	.....	38,886	.....	33,886

GENESEE COUNTY.

Alexandria	1	1	.....	1	.....	47,000	.....	47,000
Bergen	1	1	54,481	.....	.....	.....	54,481	.....
Byron	1	.....	.....	1	.....	38,000	.....	38,000
Elba	1	1	42,376	.....	.....	.....	42,376	.....
Le Roy	1	1	61,793	.....	.....	.....	61,793	.....

SUMMARY BY COUNTY AND TOWN, ETC.—(Continued).

TOWN.	Whole number of factories.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole num- ber of pounds of butter.	Whole num- ber of pounds of cheese.
		Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.		

HERKIMER COUNTY.										
Columbia.....	1	1	101,000	1	101,000	1	.....	.....	.....	101,000
Danube.....	3	3	249,272	.....	.....	.....	.....	.....	.....	249,272
Fairfield.....	11	10	1,125,344	1	.....	1	3,000	4,000	3,000	1,129,344
Frankfort.....	2	2	219,387	.....	.....	.....	.....	.....	.....	219,387
German Flats.....	4	4	303,504	.....	.....	.....	.....	.....	.....	303,504
Herkimer.....	7	1	453,145	6	453,145	.....	.....	.....	10,600	453,145
Litchfield.....	6	6	777,469	.....	.....	.....	.....	.....	.....	777,469
Little Falls.....	6	6	641,602	.....	.....	.....	.....	.....	.....	641,602
Manheim.....	8	8	594,779	.....	.....	.....	.....	.....	.....	594,779
Newport.....	8	5	519,343	3	71,765	3	71,765	239,035	71,765	758,378
Norway.....	7	6	496,363	1	2,787	1	2,787	120,466	2,787	616,829
Ohio.....	1	.....	.....	1	.....	1	300	62,500	300	62,500
Russia.....	8	7	466,794	.....	.....	1	12,900	45,000	12,900	511,794
Salisbury.....	3	3	201,422	.....	.....	.....	.....	.....	.....	201,422
Schuyler.....	3	3	437,579	.....	.....	.....	.....	.....	.....	437,579
Stark.....	4	4	350,690	.....	.....	.....	.....	.....	.....	350,690
Warren.....	5	5	262,405	.....	.....	.....	.....	.....	.....	262,405

JEFFERSON COUNTY.

	5	4	344, 115	1	2, 279	67, 963	2, 279	412, 078
Adams.....	13	18	890, 549	1	.....	.....	.....	890, 549
Alexandria.....	9	8	862, 277	1	103, 207	1, 500, 000	103, 207	2, 362, 277
Antwerp.....	6	6	367, 065	.....	.....	.....	.....	367, 065
Brownville.....	3	3	198, 678	.....	.....	.....	.....	198, 678
Cape Vincent.....	7	7	686, 193	.....	.....	.....	.....	686, 193
Champion.....	7	7	599, 626	.....	.....	.....	.....	599, 626
Clayton.....	9	3	254, 804	6	274, 591	884, 174	274, 591	1, 139, 978
Ellisburg.....	4	.....	.....	4	60, 715	437, 203	60, 715	437, 203
Henderson.....	3	3	238, 147	.....	.....	.....	.....	238, 147
Hounsfield.....	6	6	476, 111	.....	.....	.....	.....	476, 111
Le Ray.....	5	5	352, 466	.....	.....	.....	.....	352, 466
Lorraine.....	1	1	49, 070	.....	.....	.....	.....	49, 070
Lyme.....	7	7	541, 746	.....	.....	.....	.....	541, 746
Orleans.....	4	4	285, 000	.....	.....	.....	.....	285, 000
Pamela.....	9	9	811, 481	.....	.....	.....	.....	811, 481
Philadelphia.....	7	5	316, 445	2	8, 000	444, 228	8, 000	760, 673
Rodman.....	7	6	476, 825	.....	3, 868	116, 599	3, 868	593, 424
Rutland.....	12	12	813, 917	.....	.....	.....	.....	813, 917
Theresa.....	4	4	502, 851	.....	.....	.....	.....	502, 851
Watertown.....	6	6	460, 477	.....	.....	.....	.....	460, 477
Wilna.....	1	1	114, 580	.....	.....	.....	.....	114, 580
Worth.....	7	7	402, 454	.....	.....	.....	.....	402, 454
Croghan.....	6	5	621, 793	1	15, 000	190, 000	15, 000	811, 793
Denmark.....	2	2	85, 000	.....	.....	.....	.....	85, 000
Diana.....	2	2	100, 000	.....	.....	.....	.....	100, 000
Greig.....	7	7	507, 195	.....	.....	.....	.....	507, 195
Harrisburg.....								

LEWIS COUNTY.

	7	5	2	2	7	402, 454	15, 000	402, 454
Croghan.....	6	5	621, 793	1	15, 000	190, 000	15, 000	811, 793
Denmark.....	2	2	85, 000	.....	.....	.....	.....	85, 000
Diana.....	2	2	100, 000	.....	.....	.....	.....	100, 000
Greig.....	7	7	507, 195	.....	.....	.....	.....	507, 195
Harrisburg.....								

SUMMARY BY COUNTY AND TOWN, ETC.—(Continued).

TOWN.	Whole number of factories.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole num- ber of pounds of butter.	Whole num- ber of pounds of cheese.
		Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.		

LEWIS COUNTY—(Concluded).										
High Market.....	8	.....	.....	8	608,007	.....	.....	.....	.....	608,007
Leyden.....	5	.....	.....	5	1,648,472	.....	.....	.....	.....	1,648,472
Lowville.....	6	.....	.....	6	614,764	.....	.....	.....	.....	614,764
Martinsburg.....	13	.....	.....	13	915,157	.....	.....	.....	.....	915,157
Montague.....	2	.....	.....	2	138,570	.....	.....	.....	.....	138,570
New Bremen.....	5	.....	.....	5	792,272	.....	.....	.....	.....	792,272
Oseola.....	2	.....	.....	2	82,300	.....	.....	.....	.....	82,300
Pinckney.....	4	.....	.....	4	390,690	.....	.....	.....	.....	390,690
Turin.....	4	.....	.....	4	498,410	.....	.....	.....	.....	498,410
Watson.....	1	.....	.....	1	40,500	.....	.....	.....	.....	40,500
West Turin.....	6	.....	.....	6	606,540	.....	.....	.....	.....	606,540

LIVINGSTON COUNTY.										
Avon.....	1	1	47,035	.....	.....	.....	.....	.....	47,035	.....
Mt. Morris.....	1	.....	.....	1	52,278	.....	.....	.....	.....	52,278
Nunda.....	1	.....	.....	1	140,000	.....	.....	.....	.....	140,000
Portage.....	2	.....	.....	2	150,338	.....	.....	.....	.....	150,338
Sparta.....	1	1	78,000	.....	.....	.....	.....	.....	78,000	.....

MADISON COUNTY.

Brookfield	12	2	8,298	6	418,013	4	25,038	231,047	33,336	649,060
Cazenovia	5	1	44,669	2	56,836	2	85,307	314,249	129,976	370,585
De Ruyter	4	2	2,500	1	41,269	1	27,306	77,918	29,806	119,187
Eaton	5	3	171,960	1	55,000	1	15,840	180,210	187,740	235,210
Georgetown	2	...	...	1	29,971	1	923	46,433	923	76,404
Hamilton	6	3	36,581	3	187,506	...	...	...	36,581	187,506
Lebanon	2	...	...	...	...	2	8,112	40,868	8,112	40,868
Lenex	4	...	...	4	318,307	...	...	...	...	318,307
Lincoln	2	...	...	2	223,358	...	...	...	...	223,358
Madison	3	1	5,280	2	143,478	...	...	...	5,280	143,478
Nelson	4	1	2,000	...	...	3	46,018	395,469	48,018	395,469
Smithfield	4	...	...	4	835,265	...	...	...	...	335,265
Stockbridge	5	2	9,348	2	107,570	1	413	...	9,761	141,213
Sullivan	6	...	...	6	348,002	...	...	33,643	...	348,002

MONROE COUNTY.

Clarkson	1	1	68,577	...	...	...	...	...	68,577	...
Menden	2	1	77,136	1	31,372	...	...	...	77,136	31,372
Parma	1	1	50,729	...	...	...	...	...	50,729	...

MONTGOMERY COUNTY.

Canajoharie	3	...	...	3	190,750	...	...	...	...	190,750
Florida	1	...	...	1	54,000	...	...	...	...	54,000
Minden	5	...	...	5	615,334	...	...	...	...	615,334
Mohawk	4	...	...	4	209,456	...	...	...	...	209,456
Palatine	6	...	...	6	537,105	...	...	...	...	537,105
Root	2	...	...	2	158,827	...	...	...	...	158,827
St. Johnsville	1	...	...	1	90,000	...	...	...	...	90,000

SUMMARY BY COUNTY AND TOWNS, ETC.—(Continued).

TOWN.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole number of pounds of butter.	Whole number of pounds of cheese.
	Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.		
NIAGARA COUNTY.									
Pendleton.....	1	1	24,000	.....	.....	.....	.....	24,000	.....
Wilson	1	.....	.....	.....	.....	.....	.....	.....	11,774
ONEIDA COUNTY.									
Annsville.....	6	.....	.....	371,059	.....	.....	.....	.....	371,059
Augusta.....	1	.....	.....	85,942	.....	.....	.....	.....	85,942
Ava.....	4	.....	.....	365,456	.....	.....	.....	.....	365,456
Boonville	7	.....	.....	368,422	1	3,639	24,614	3,639	393,036
Bridgewater	2	.....	.....	202,053	1	2,475	31,900	2,475	233,953
Camden	4	.....	.....	365,024	.....	.....	.....	.....	365,024
Deerfield.....	3	.....	.....	101,569	2	41,800	134,000	41,800	235,569
Florence	3	.....	.....	384,056	.....	.....	.....	.....	384,056
Floyd	2	.....	.....	226,330	.....	.....	.....	.....	226,330
Kirkland.....	1	1	185,000	.....	.....	.....	.....	185,000	.....
Lee	9	.....	.....	439,288	.....	.....	.....	.....	439,288
Marey	2	.....	.....	54,256	1	25,743	170,115	.....	224,371
Paris	1	.....	.....	47,355	.....	.....	.....	.....	47,355
Ramsen	2	186,289	186,289
Rome	4	283,893	283,893

LIST OF BUTTER AND CHEESE FACTORIES.

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Steuben.....	4	4	278,695	278,695
Trenton.....	5	5	134,569	909,184
Vernon.....	2	1	63,632	1	34,864	215,814
Verona.....	6	.....	5	469,259	1	8,975	8,975	659,363
Vienna.....	6	.....	6	494,570	.....	.....	.....	494,570
Western.....	8	1	6	501,994	1	330	.....	522,694
Westmoreland.....	1	.....	1	10,000	.....	.....	85,330	10,000

ONONDAGA COUNTY.

Cicero.....	4	.....	4	286,865	.....	.....	.....	286,865
Clay.....	1	.....	1	87,923	.....	.....	.....	87,923
Elbridge.....	1	.....	.....	.....	1	110,000	.....	82,700
Fabius.....	2	1	.....	.....	1	15,000	.....	386,250
Lafayette.....	1	1	.....	.....	.....	.....	.....	.....
Lysander.....	3	2	.....	.....	1	3,000	.....	.....
Manlius.....	2	.....	2	167,893	.....	.....	.....	85,000
Pompey.....	3	.....	1	48,000	2	3,130	.....	167,893
Spaford.....	1	1	.....	.....	.....	.....	3,130	225,062
Syracuse, City of.....	1	1	.....	.....	.....	.....	35,389	.....
Tully.....	1	1	.....	.....	.....	.....	45,000	.....
				65,000	.....	.....	65,000	.....

ONTARIO COUNTY.

Manchester.....	2	2	.....	101,500	.....	.....	101,500	.....
Naples.....	1	.....	1	40,404	.....	.....	.....	40,404
Seneca.....	1	1	.....	6,500	.....	.....	6,500	.....

ORANGE COUNTY.

Chester.....	1	.....	.....	.....	1	18,000	18,000	900,000
Blooming Grove....	1	.....	.....	.....	1	1,250	1,250	192,540

SUMMARY BY COUNTY AND TOWN, ETC.—(Continued).

TOWN.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole number of factories.	Whole number of pounds of butter.	Whole number of pounds of cheese.
	Number factories.	Pounds butter	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.			
ORLEANS COUNTY.										
Clarendon	1	.....	1	38,378	.....	.....	.....	.....	.....	38,378
Kendall	2	.....	2	68,973	.....	.....	.....	.....	.....	68,973
Kent	1	.....	1	26,314	.....	.....	.....	.....	.....	26,314
Murray	1	.....	1	99,285	.....	.....	.....	.....	.....	99,285
OSWEGO COUNTY.										
Albion	4	.....	4	224,848	.....	.....	.....	.....	.....	224,848
Amboy	2	.....	2	214,759	.....	.....	.....	.....	.....	214,759
Boylston	1	.....	...	.....	1	3,583	113,244	3,583	113,244	113,244
Granby	3	.....	2	103,020	1	18,100	167,898	18,100	167,898	271,918
Hannibal	2	.....	1	134,000	1	10,253	91,055	10,253	91,055	225,055
Hastings	4	.....	4	242,759	.....	.....	.....	.....	.....	242,759
Mexico	7	.....	6	654,046	1	1,500	110,000	1,500	110,000	764,046
New Haven	3	.....	3	193,587	.....	.....	.....	.....	.....	193,587
Orwell	4	.....	2	124,000	2	1,409	165,490	1,409	165,490	289,490
Oswego	1	.....	1	72,269	.....	.....	.....	.....	.....	72,269
Palermo	1	.....	1	126,755	.....	.....	.....	.....	.....	126,755
Parish	2	.....	2	178,831	.....	.....	.....	.....	.....	178,831
Richmond	5	.....	1	95,000	4	39,457	666,127	39,457	666,127	761,127

	4	.....	1	57, 179	3	23, 500	464, 645	23, 500	521, 824
Sandy Creek	4	.....	1	57, 179	3	23, 500	464, 645	23, 500	521, 824
Schroeppel	3	.....	3	536, 867	.....	.....	.....	.....	536, 867
Scriba	2	.....	2	113, 646	.....	.....	.....	.....	113, 646
Volney	6	.....	6	681, 022	.....	.....	.....	.....	681, 022
West Monroe	1	.....	1	87, 633	.....	.....	.....	.....	87, 632
Williamstown	2	.....	2	271, 540	.....	.....	.....	.....	271, 540

OTSEGO COUNTY.									
Burlington	7	.....	7	130, 760	.....	.....	.....	.....	130, 760
Butternuts	6	1	3	181, 981	2	29, 082	169, 465	87, 296	251, 446
Cherry Valley	1	.....	1	90, 000	.....	.....	.....	.....	90, 000
Decatur	1	.....	1	49, 030	.....	.....	.....	.....	49, 030
Edmeston	2	.....	2	180, 162	.....	.....	.....	.....	180, 162
Exeter	7	1	6	596, 577	.....	.....	.....	23, 400	596, 577
Hartwick	3	.....	3	251, 974	.....	.....	.....	.....	251, 974
Laurens	2	1	1	70, 638	.....	.....	.....	68, 540	70, 638
Maryland	1	.....	1	63, 000	.....	.....	.....	.....	63, 000
Middlefield	6	.....	6	397, 504	.....	.....	.....	.....	397, 504
Milford	1	.....	1	82, 955	.....	.....	.....	.....	82, 955
Morris	4	.....	4	210, 716	.....	.....	.....	.....	210, 716
New Lisbon	7	.....	7	714, 898	.....	.....	.....	.....	714, 898
Oneonta	2	.....	2	117, 335	.....	.....	.....	.....	117, 335
Otego	5	3	1	37, 811	1	75, 000	75, 000	232, 385	112, 811
Otego	5	.....	5	282, 391	.....	.....	.....	.....	282, 391
Plainfield	5	.....	5	496, 632	.....	.....	.....	.....	496, 632
Richfield	4	.....	4	343, 000	.....	.....	.....	.....	343, 000
Roseboom	2	.....	2	114, 484	.....	.....	.....	.....	114, 484
Springfield	2	1	1	30, 193	1	30, 000	170, 771	30, 000	200, 964
Unadilla	4	.....	.....	.....	.....	.....	.....	387, 827	.....
Westford	1	.....	1	106, 000	.....	.....	.....	.....	105, 000
Worcester	1	.....	1	82, 142	.....	.....	.....	.....	82, 142

SUMMARY BY COUNTY AND TOWN, ETC.—(Continued).

TOWN.	Whole number of factories.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole number of pounds of butter.	Whole number of pounds of cheese.
		Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.		
RENSSELAER COUNTY.										
Hoosick	2	2	59,842	.....	.....	.....	.....	.....	59,842	.....
St. LAWRENCE COUNTY.										
Brasher	3	3	318,302	.....	.....	.....	.....	.....	318,302	.....
Canton	13	4	563,772	5	413,194	4	172,499	588,014	746,863	991,128
Colton	2	1	60,000	1	63,897	.....	.....	.....	60,000	63,897
De Kalb	11	.....	.....	9	1,091,710	2	18,487	365,143	18,487	1,456,853
De Peyster	5	.....	.....	5	623,055	.....	.....	.....	.....	623,055
Edwards	3	.....	.....	1	103,336	2	33,711	351,017	33,711	454,353
Fine	1	.....	.....	1	31,370	.....	.....	.....	.....	31,370
Fowler	4	2	147,138	2	229,553	.....	.....	.....	147,138	229,553
Gouverneur	10	1	67,450	8	1,040,786	1	55,940	68,242	55,940	1,108,028
Hammond	7	.....	.....	7	652,863	.....	.....	.....	.....	652,863
Hérimon	7	.....	.....	6	662,665	1	98,340	48,157	98,340	710,822
Hopkinton	4	4	289,566	.....	.....	.....	.....	.....	289,566	.....
Lawrence	3	3	269,234	.....	.....	.....	.....	.....	269,234	.....
Lisbon	15	12	414,705	3	223,836	.....	.....	.....	414,705	223,836
Louisville	3	2	303,505	1	205,180	.....	.....	.....	303,505	205,180
Macomb	5	.....	.....	5	470,087	.....	.....	.....	.....	470,087

Massena	6	4	1,127,400	2	46,223	.....	.....	1,127,400	46,223
Morristown	7	.....	.....	7	686,869	.....	.....	.....	686,869
Madrid	1	1	350,000	.....	.....	.....	.....	850,000	.....
Norfolk	1	1	200,000	.....	.....	.....	.....	200,000	.....
Oswegatchie	6	.....	.....	5	627,173	1	14,772	210,436	837,609
Parishville	2	1	57,272	1	111,086	.....	.....	57,272	111,086
Pierrepont	2	1	49,985	.....	.....	1	24,000	52,000	52,000
Pitcairn	1	1	.....	1	50,000	.....	.....	.....	50,000
Potsdam	5	3	449,519	2	97,206	.....	.....	449,519	97,206
Rossie	9	1	251,001	5	424,266	3	188,422	262,867	691,133
Russell	2	1	268,842	1	146,900	.....	.....	268,842	146,900
Stockholm	11	9	711,046	2	96,638	.....	.....	711,046	996,638
Waddington	4	4	471,311	.....	.....	.....	.....	471,311	.....

SARATOGA COUNTY.

Halfmoon	1	1	66,656	.....	.....	.....	.....	66,656	.....
Saratoga	1	1	125,000	125,000

SCHENECTADY COUNTY.

Duanesburg	1	1	16,000	16,000
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SCHOHARIE COUNTY.

Richmondville	2	2	125,694	125,694
Seward	1	1	50,012	50,012

SCHUYLER COUNTY.

Dix	1	.....	.....	1	30,000	.....	.....	.....	30,000
Orange	1	.....	.....	1	70,000	.....	.....	.....	70,000

SUMMARY BY COUNTY AND TOWN, ETC—(Continued.)

TOWN.	Whole number of factories.		NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE, AND NUMBER OF POUNDS EACH.		Whole num- ber of pounds of butter.	Whole num- ber of pounds of cheese.	
	Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.				
SENECA COUNTY.											
Covert	1	1	57,468	.....	.....	.....	.....	.....	57,468	.....
STEUDBEN COUNTY.											
Addison.....	1	.....	.....	.....	.....	1	2,000	4,000	2,000	4,000
Avoca.....	2	.....	.....	2	84,917	.....	.....	.....	.....	84,917
Bath.....	1	.....	.....	1	3,744	.....	.....	.....	.....	3,744
Bradford.....	1	.....	.....	1	51,420	.....	.....	.....	.....	51,420
Cameron.....	1	.....	.....	.....	.....	1	2,000	36,000	2,000	36,000
Canisteo.....	2	1	40,802	1	59,550	.....	.....	.....	40,802	59,550
Caton.....	1	1	80,500	.....	.....	.....	.....	.....	80,500	.....
Cohocton.....	1	1	1,729	.....	.....	.....	.....	.....	1,729	.....
Corning.....	1	1	3,800	.....	.....	.....	.....	.....	3,800	.....
Freemont.....	1	.....	.....	1	28,140	.....	.....	.....	.....	28,140
Greenwood.....	3	.....	.....	3	237,058	.....	.....	.....	.....	237,058
Hartsville.....	2	.....	.....	2	122,582	.....	.....	.....	.....	122,582
Hornesville.....	2	1	97,140	.....	.....	1	6,000	3,600	6,000	108,140
Howard.....	3	.....	.....	3	160,951	.....	.....	.....	.....	160,951
Jasper.....	3	.....	.....	3	197,568	.....	.....	.....	.....	197,568

Lindley.....	1	.....	1	50,270	.....	.....	50,270
Troupsburg.....	3	.....	3	289,857	.....	.....	289,857
West Union.....	5	.....	5	248,612	.....	.....	248,612
Woodhull.....	4	.....	4	414,346	.....	.....	414,346

SULLIVAN COUNTY.

Callicoon.....	1	.....	.....	.....	1	70,000	125,000	125,000
Liberty.....	1	.....	1	54,600	.....	.....	70,000	54,600

TIOGA COUNTY.

Berton.....	3	2	160,369	1	10,950	.....	160,369	10,950
Berkshire.....	2	2	263,114	.....	.....	.....	263,114	.....
Candor.....	1	1	2,865	.....	.....	.....	2,865	.....
Newark Valley.....	9	9	670,020	.....	.....	.....	670,020	.....
Nichols.....	2	2	11,560	.....	.....	.....	11,560	.....
Owego.....	4	4	274,300	.....	.....	.....	274,300	.....
Richford.....	3	3	219,564	.....	.....	.....	219,564	.....
Spencer.....	1	1	117,493	.....	.....	.....	117,493	.....
Tioga.....	3	3	147,811	.....	.....	.....	147,811	.....

TOMPKINS COUNTY.

Caroline.....	3	2	415,953	1	96,655	.....	415,953	96,655
Dryden.....	7	5	194,409	.....	.....	.....	227,917	117,971
Groton.....	5	5	308,063	.....	.....	.....	308,063	.....
Ithaca, City of.....	1	.....	.....	.....	.....	.....	4,000	9,000
Ulysses.....	1	1	2,808	.....	.....	.....	2,808	.....

SUMMARY BY COUNTY AND TOWN, ETC.—(Concluded).

TOWN.	Whole number of factories.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole number of pounds of butter.	Whole number of pounds of cheese.	
		Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.			
WASHINGTON COUNTY.											
Argyle	1	1	29,630	1	152,062	1	29,630	152,062	.....	.....
Easton	2	1	75,206	1	.....	1	75,206	.....	.....	.....
Fort Ann	1	1	39,872	.....	.....	.....	39,872	.....	.....	.....
Granville	5	2	160,361	3	206,400	.....	160,361	206,400	.....	.....
Hartford	1	.....	.....	1	120,000	.....	.....	120,000	.....	.....
Hebron	3	.....	.....	3	294,154	.....	.....	294,154	.....	.....
Salem	1	.....	.....	1	23,860	.....	.....	23,860	.....	.....
White Creek	1	1	64,695	.....	.....	.....	64,695	.....	.....	.....
Whitehall	2	2	34,000	.....	.....	.....	34,000	.....	.....	.....
WAYNE COUNTY.											
Butler	1	.....	.....	1	76,000	.....	.....	.....	.....	76,000
Galen	1	1	112,672	.....	.....	.....	112,672	.....	.....	.....
Huron	1	.....	.....	.....	.....	1	5,000	48,000	.....	48,000
Lyons	1	1	65,602	.....	.....	.....	65,602	.....	.....	.....
Macedon	1	1	39,069	.....	.....	.....	39,069	.....	.....	.....
Palmyra	1	1	41,529	.....	.....	.....	41,529	.....	.....	.....

Savannah.....	1	1	150,000	.....	.....	.....	.....	150,000	.....
Sodus	1	1	44,438	.....	.....	.....	.....	44,438	.....
Williamson	1	.....	.....	.....	1	700	.....	13,631	.....
Wolcott	2	.....	.....	.....	.....	.....	84,667	.....	84,667

WYOMING COUNTY.

Arcade	6	.....	.....	.....	6	629,316	.....	.....	629,316
Attica	2	.....	.....	.....	.....	.....	.....	.....	190,000
Bennington	7	2	122,624	.....	.....	.....	.....	.....	330,067
Eagle	7	.....	.....	.....	7	320,358	.....	.....	320,358
Gainesville	2	1	88,057	.....	1	100,000	.....	.....	100,000
Java	6	2	242,437	.....	4	246,191	.....	.....	245,191
Middlebury	2	.....	.....	.....	2	79,551	.....	.....	79,551
Orangeville	3	.....	.....	.....	3	217,684	.....	.....	217,684
Perry	1	1	140,000	.....	.....	.....	.....	.....	.....
Pike	5	.....	.....	.....	.....	.....	.....	.....	.....
Sheldon	8	3	225,797	.....	4	267,319	.....	144,005	411,824
Warsaw	1	1	35,000	.....	2	99,449	.....	186,834	286,283
Wethersfield	3	.....	.....	.....	3	286,578	.....	35,000	286,578

SUMMARY OF BUTTER AND CHEESE MADE IN FACTORIES IN THE STATE OF NEW YORK
DURING THE SEASON OF 1898.

COUNTY.	Whole number of factories.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole num-ber of pounds of butter.	Whole num-ber of pounds of cheese.
		Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.		
Albany.....	1	.....	1	24,143	.....	.....	.....	.....	.....	24,143
Allegany.....	91	2 143,000	82	7,599,725	7	118,724	738,247	258,724	8,327,972	
Broome.....	46	36 1,645,475	7	270,412	2	48,597	162,387	1,694,072	432,799	
Cattaraugus.....	131	8 144,573	114	12,355,015	9	110,269	960,940	254,842	13,315,955	
Cayuga.....	11	6 533,350	5	361,291	.....	.....	.....	538,350	361,291	
Chautauqua.....	77	34 2,681,601	35	2,579,431	4	96,726	406,328	2,778,327	2,985,759	
Chemung.....	8	7 404,135	.....	.....	1	108,704	90,000	512,839	90,000	
Chenango.....	84	15 1,087,977	28	1,162,198	41	581,633	2,519,758	1,669,610	4,191,956	
Clinton.....	31	31 1,537,793	1	49,668	1	22,353	99,340	1,560,146	149,008	
Columbia.....	1	1 12,000	.....	.....	.....	.....	.....	12,000	.....
Cortland.....	56	16 620,624	19	1,322,837	21	280,787	838,339	901,411	2,156,176	
Dutchess.....	2	2 165,462	.....	.....	.....	.....	.....	165,462	.....
Delaware.....	13	4 804,507	.....	.....	4	267,208	261,112	1,071,715	261,112	
Erie.....	54	8 540,264	40	1,563,872	6	14,719	275,905	554,983	1,839,777	
Essex.....	1	1 11,322	.....	.....	.....	.....	.....	11,322	.....
Franklin.....	41	38 1,668,850	2	161,908	1	120,000	75,600	1,788,850	237,508	
Fulton.....	2	1 88,000	1	33,886	.....	.....	.....	38,000	33,886	
Genesee.....	5	3 158,650	2	85,000	.....	.....	.....	158,650	85,000	
Herkimer.....	87	1 10,600	79	7,200,098	7	90,752	410,991	101,352	7,611,089	

LIST OF BUTTER AND CHEESE FACTORIES.

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	129	115	9,630,723	14	452,660	4,450,167	452,660	14,080,890
Jefferson	129	14	452,660	4,450,167	452,660	14,080,890
Lewis	80	...	...	79	8,037,124	1	15,000	190,000	15,000	8,277,124
Livingston	6	2	125,025	4	342,616	...	...	...	125,025	342,616
Madison	64	15	230,576	34	2,264,075	15	208,957	1,319,837	489,533	3,583,912
Monroe	4	3	196,442	1	31,372	...	...	...	196,442	31,372
Montgomery	22	...	...	22	1,855,492	...	...	...	...	1,855,492
Niagara	2	1	24,000	1	11,774	...	...	...	24,000	11,774
Oneida	81	2	230,000	66	4,367,942	13	353,395	1,612,799	573,395	5,980,741
Onondaga	20	7	539,508	8	542,781	5	131,130	374,762	720,638	917,543
Ontario	4	3	108,000	1	40,404	...	...	...	10,800	40,404
Orange	2	...	...	...	...	2	19,250	1,022,540	19,250	1,022,540
Orleans	5	...	...	5	233,950	...	...	...	...	233,950
Oswego	57	...	...	44	4,112,760	13	97,795	1,777,459	97,795	5,890,219
Otsego	79	10	695,366	65	4,775,926	4	134,082	415,336	779,488	5,191,162
Rensselaer	2	2	59,842	...	...	...	...	...	59,842	...
St. Lawrence	154	59	6,370,148	80	8,097,893	15	606,171	1,945,876	6,976,319	10,043,769
Saratoga	2	2	191,656	...	...	...	...	...	...	191,656
Seneca	1	1	57,468	...	...	...	...	...	57,468	...
Schenectady	1	...	...	1	160,000	...	...	...	...	160,000
Seheharie	3	1	50,012	2	125,694	...	...	...	50,012	125,694
Schuyler	2	...	...	2	100,000	...	...	...	...	100,000
Steuben	38	5	223,471	30	1,949,013	3	10,000	76,000	233,471	2,092,615
Sullivan	2	...	...	1	54,600	1	70,000	125,000	70,000	179,600
Tioga	24	27	1,867,096	1	10,350	...	...	...	1,867,096	10,950
Tompkins	17	13	921,233	1	96,665	3	37,508	126,971	958,741	233,626
Washington	17	8	403,764	9	403,764	...	...	...	403,764	796,476
Wayne	11	6	463,300	3	160,667	2	5,700	61,631	459,000	222,298
Wyoming	53	10	843,915	32	2,246,445	11	108,063	850,906	943,978	2,176,332

**SUMMARY OF BUTTER AND CHEESE MADE IN FACTORIES IN THE STATE OF NEW YORK
DURING THE SEASON OF 1898.**

COUNTY.	Whole number of factories.	NUMBER OF BUTTER FACTORIES AND POUNDS MADE.		NUMBER OF CHEESE FACTORIES AND POUNDS MADE.		NUMBER OF FACTORIES MAKING BOTH BUTTER AND CHEESE AND NUMBER OF POUNDS OF EACH.			Whole num- ber of pounds of butter.	Whole num- ber of pounds of cheese.
		Number factories.	Pounds butter.	Number factories.	Pounds cheese.	Number factories.	Pounds butter.	Pounds cheese.		
Albany.....	1	.....	.....	1	24,143	.....	.....	.....	.....	24,143
Allegany.....	91	2	143,000	82	7,599,725	7	118,724	738,247	258,724	8,327,972
Broome.....	46	36	1,645,475	7	270,412	2	48,597	162,387	1,694,072	432,799
Cattaraugus.....	131	8	144,573	114	12,355,015	9	110,269	960,940	254,842	18,315,955
Cayuga.....	11	6	533,350	5	361,291	.....	.....	.....	533,350	361,291
Chautauqua.....	77	34	2,681,601	35	2,579,431	4	96,726	406,328	2,778,327	2,985,759
Chemung.....	8	7	404,135	.....	.....	1	108,704	90,000	512,839	90,000
Chenango.....	84	15	1,087,977	28	1,162,198	41	581,633	2,519,758	1,669,610	4,191,956
Clinton.....	31	31	1,537,793	1	49,668	1	22,353	99,340	1,560,146	149,008
Columbia.....	1	1	12,000	.....	.....	.....	.....	.....	12,000	.....
Cortland.....	56	16	620,624	19	1,322,837	21	280,787	838,339	901,411	2,156,176
Dutchess.....	2	2	165,462	.....	.....	.....	.....	.....	165,462	.....
Delaware.....	13	4	804,507	.....	.....	4	267,208	261,112	1,071,715	261,112
Erie.....	54	8	540,264	40	1,563,872	6	14,719	275,905	554,983	1,839,777
Essex.....	1	1	11,322	.....	.....	.....	.....	.....	11,322	.....
Franklin.....	41	38	1,668,850	2	161,908	1	120,000	75,600	1,788,850	237,508
Fulton.....	2	1	38,000	1	33,886	.....	.....	.....	38,000	33,886
Genesee.....	5	3	158,650	2	85,000	.....	.....	.....	158,650	85,000
Herkimer.....	87	1	10,600	79	7,200,098	7	90,753	410,991	101,352	7,611,089

LIST OF BUTTER AND CHEESE FACTORIES.

137

Jefferson	129	.....	115	9,630,733	14	452,660	4,450,167	452,660	14,080,890
Lewis	80	.....	79	8,037,124	1	15,000	190,000	15,000	8,277,124
Livingston	6	2	4	125,025	.....	.....	.....	125,025	342,616
Madison	64	15	34	280,576	15	208,957	1,319,887	489,533	3,583,912
Monroe	4	3	1	196,442	.....	.....	.....	196,442	31,372
Montgomery	23	.....	22	1,855,492	.....	.....	.....	.....	1,855,492
Niagara	2	1	1	24,000	.....	.....	.....	24,000	11,774
Oneida	81	2	66	220,000	13	353,395	1,612,799	573,395	5,986,741
Onondaga	20	7	8	589,508	5	131,130	374,762	720,638	917,543
Ontario	4	3	1	108,000	.....	.....	.....	10,800	40,404
Orange	2	.....	.....	.....	2	19,250	1,022,540	19,250	1,022,540
Orleans	5	.....	5	233,950	.....	.....	.....	233,950	233,950
Oswego	57	.....	44	4,112,760	13	97,795	1,777,459	97,795	5,890,219
Otsego	79	10	65	695,366	4	134,082	415,236	779,488	5,191,162
Rensselaer	2	2	.....	59,842	.....	.....	.....	59,842	.....
St. Lawrence	154	59	80	6,370,148	15	606,171	1,945,876	6,976,319	10,043,769
Saratoga	2	2	.....	191,656	.....	.....	.....	.....	191,656
Seneca	1	1	.....	57,468	.....	.....	.....	57,468	.....
Schenectady	1	.....	1	160,000	.....	.....	.....	.....	160,000
Scheharie	3	1	2	125,694	.....	.....	.....	50,012	125,694
Schuyler	2	.....	2	100,000	.....	.....	.....	.....	100,000
Steuben	38	5	30	1,949,013	3	10,000	76,000	233,471	2,092,615
Sullivan	2	.....	1	54,600	1	70,900	125,000	70,000	179,600
Tioga	24	27	1	1,867,096	.....	.....	.....	1,867,096	10,950
Tompkins	17	13	1	921,233	3	37,508	126,971	958,741	223,626
Washington	17	8	9	403,764	.....	.....	.....	403,764	796,476
Wayne	11	6	3	463,800	2	5,700	61,631	459,000	222,298
Wyoming	53	10	32	2,246,445	11	108,063	850,906	943,978	2,176,332

INDEX TO MAP.

Number, name of factory, county, town and distance from post-office of the factories in the State of New York, as shown upon the map accompanying this report.

ABBREVIATIONS.—m. miles; N. north; S. south; E. east; W. west; N.W. north-west; S.W. south-west; N.E. north-east; S.E. south-east.

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
ALBANY COUNTY.		TOWN OF BURNS.	
TOWN OF BERNE.		30..Canaseraga	Canaseraga.
2..T. J. Wood.....	Berne.	31..Slater Creek.....	Canaseraga..3 m. S.
TOWN OF COEYMANS.		32..West Burns.....	
2..Aqueduct	Aqueduct.	TOWN OF CANEADEA.	
TOWN OF NEW SCOTLAND.		33..Caneadea	Caneadea.
1..Feurabush	Feurabush.	34..Houghton	Houghton.
ALLEGANY COUNTY.		35..Oramel	Oramel.
TOWN OF ALFRED.		36..Shongo	Caneadea...4 m. E.
1..Alfred	Alfred.	TOWN OF CENTREVILLE.	
2..Brown	Andover....6 m. N.	37..Babbitt	Rushford.5 m. N. E.
3..Fenner's Home.	Alfred.....2 m. S.	38..Star	Centreville.
4..Five Corners....	Alfred.....3 m. W.	39..Yorkshire No. 6	Centreville..2½ m. E.
5..Pleasant Valley.	Alfred.....6 m. W.	TOWN OF CLARKSVILLE.	
6..Tip Top.....		40..Clarksville	Cuba.....7 m. S.
TOWN OF ALLEN.		41..Obi	Cuba.....10 m. S.
7..Allen	Belfast.5 m. N. E.	TOWN OF CUBA.	
8..Empire	Angelica...6 m. N.	42..Cuba Village....	Cuba.
9..Keystone	Angelica...3 m. N.	43..Keller Hill.....	Cuba....4 m. N. W.
10..Pratt	Angelica...9 m. N.	44..North Cuba.....	Cuba....1 m. N. W.
11..West Hill.....	Caneadea...6 m. E.	45..Rice	Cuba....5 m. S. E.
12..Maple Grove....	Angelica...7½ m. N.	46..South Cuba.....	South Cuba.
TOWN OF ALMOND.		TOWN OF FRIENDSHIP.	
13..Almond	Almond.	47..Barr	Friendship 2½ m. S.
14..Bishopville	Almond....4 m. N.		E.
15..Karrdale	Almond.2½ m. S. W.	48..Dayton	Belvidere...1 m. W.
16..McHenry Valley	Almond..3½ m. S. W.	49..Friendship	Friendship.
TOWN OF AMITY.		50..Nile	Nile.
17..Genesee Valley..	Belvidere.1½ m. S. E.	51..North Branch...	Friendship..3 m. N.
18..Gilt Edge.....	Belmont.	TOWN OF GENESEE.	
19..Withey	Withey.	52..Little Genesee..	Little Genesee.
TOWN OF ANDOVER.		TOWN OF GRANGER.	
20..Andover	Andover.	53..Short Tract.....	Short Tract.
21..Elm Valley	Elm Valley.	TOWN OF GROVE.	
22..Hartun	Andover..2 m. N. W.	54..East Grove.....	
TOWN OF ANGELICA.		TOWN OF HUME.	
23..Angelica Union.	Angelica...3 m. E.	55..Fillmore	Fillmore.
24..Angelica	Angelica.	56..Hume	Hume.
TOWN OF BELFAST.		57..Mills Mills.....	Mills Mills.
25..Belfast	Belfast.....½ m. S.	58..Rush Creek.....	Fillmore...5 m. S.
26..Rockville	Rockville.	59..Stone Spring....	Hume...5 m. N. W.
27..Transit Bridge..	Belfast...4 m. S. E.	60..Union	Hume...5 m. W.
28..White Creek....	Belfast...5 m. S. E.	61..Wiscoy	Fillmore..5 m. N. E.
TOWN OF BOLIVAR.		TOWN OF INDEPENDENCE.	
29..South Bolivar..	Bolivar.....3 m. S.	62..Cryder Creek...	Wellsville.6 m. S. E.
		63..Independence ..	Whitesville..4 m. N.
		64..Spring Mills....	Whitesville..4 m. S.
		65..Wildman	Whitesville.

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF NEW HUDSON.		TOWN OF CONKLIN.	
66..Black Creek....	Black Creek.	18..Conklin Centre..	Conklin Centre.
67..Hudson Centre..	Black Creek.5 m. N.	23..Conklin	Conklin.
68..Lafferty	Black Creek.3 m. W.	TOWN OF FENTON.	
69..Marshall	Belfast.....5 m. W.	31..North Colesville	Colesville.
70..Mt. Monroe.....	Belfast.....8 m. S. W.	35..North Fenton...	North Fenton.
71..Rawson	Cuba.....8 m. N.	TOWN OF KIRKWOOD.	
72..Spring Brook...	Black Creek.2½ m. E.	22..Langdon	Langdon.
TOWN OF RUSHFORD.		TOWN OF LISLE.	
73..Brookside	Rushford.3 m. N. W.	37..Crystal Spring..	Centre Lisle.
74..Hardy's Cors.....	Hardys.	38..Excelsior	Lisle.
75..Kellogg	Rushford...3 m. E.	39..Excelsior	Centre Lisle.
76..Pearl Creek.....	Rushford...5 m. S. E.	40..Killiwog	Killawog.
77..Podonque	Rushford...3 m. N. E.	41..Riverside	Killawog.
78..Rushford	Rushford.	42..Klondyke	Centre Lisle.3 m. W.
79..West Branch.....	Rushford.3 m. S. W.	43..Lisle	Lisle.
TOWN OF SCIO.		TOWN OF MAINE.	
80..Allentown	Wellsville...6 m. W.	10..Maine	Maine.
81..Knight's Creek..	Scio.....3½ m. S.	14..East Maine.....	East Maine.
82..Scio No. 1.....	Scio.	TOWN OF NANTICOKE.	
83..Vandermark	Scio.....3 m. E.	11..Glen Aubrey....	Glen Aubrey.
TOWN OF WARD.		15..Nanticoke	Nanticoke.
84..Phillip's Creek..	Angelica.5½ m. S. E.	44..Crescent	Whitney's Point. 3 m. S. W.
85..Vandermark. 1..	Scio.....6 m. N. E.	TOWN OF SANFORD.	
86..Wadsworth Hill	Angelica..9 m. S. E.	34..Delaware Valley	Sanford.
TOWN OF WELLSVILLE.		45..Howes	Howes.
87..Crownor	Wellsville.3 m. N. E.	46..North Sanford..	North Sanford.
88..Trapping Brook.	Wellsville....3 m. E.	TOWN OF TRIANGLE.	
TOWN OF WEST ALMOND.		47..Cloughs Corners	Whitneys Point.
89..Baker	Angelica...4 m. E.	48..Locust Brow....	Whitneys Point 7 m. N. E.
90..West Almond...	W. Almond...1 m. E.	49..Page Brook.....	Whitneys Point 1½ m. N.
TOWN OF WILLING.		50..Upper Lisle....	Upper Lisle.
91..Beach Hill.....	Wellsville..8 m. S. E.	51..Whitneys Point.	Whitneys Point.
92..Ford Brook.....	Ford Brook.	52..Whitneys Point	Whitneys Point.
93..Hallsport	Hallsport.	53..Creamery	Whitneys Point.
94..Shongo	Shongo.	54..Triangle	Triangle.
TOWN OF WIRT.		55..Echo Lake.....	Triangle...2 m. N.
95..Inavale	Belmont...5 m. S. E.	TOWN OF UNION.	
96..Richburgh	Richburgh.	8..Diamond Spring	Union.
97..Wirt	Wirt.	9..Crystal	Union Centre.
BROOME COUNTY.		TOWN OF VESTAL.	
TOWN OF BARKER.		5..Vestal Centre...	Vestal Centre.
13..Hydeville	Whitney Point, 4 m. S. E.	7..Vestal	Vestal.
36..Barker	Barker.	16..Willow Point...	Willow Point.
CITY OF BINGHAMTON.		17..Bunn's Hill....	Binghamton.6 m. W.
1..Binghamton D'y Association ...	Binghamton.	53..Tracy Creek...	Tracy Creek.
TOWN OF BINGHAMTON.		TOWN OF WINDSOR.	
2..J. & M. Hicks...	Binghamton.	19..Lester	Lester.
3..Carver	Binghamton.	20..West Windsor..	West Windsor.
4..Bowen & Bullis.	Binghamton.	21..Randolph	Randolph Centre.
6..Hawleyton	Hawleyton.	CATTARAUGUS COUNTY.	
TOWN OF CHENANGO.		TOWN OF ALLEGANY.	
12..Castle Creek....	Castle Creek.	1..Allegany	Allegany.
TOWN OF COLESVILLE.		2..Five Mile Union	Allegany...3 m. N.
24..Sanataria Sp'gs.	Sanataria Springs.	3..Four Mile Union	Allegany.3½ m. S. E.
25..Harpursville...	Harpursville.	4..Nine Mile Union	Allegany...4 m. S. E.
26..Centre Village..	Centre Village.	6..Wilbur's Alleg'y	Allegany...6 m. N.
27..Tunnel	Tunnel.	TOWN OF ASHFORD.	
28..Tund	Harpursville.5 m. W.	6..Ashford	Ashford.
29..Vallonia Springs	Vallonia Springs.	7..Bellows	West Valley, 3 m. W.
30..Onagua	Onagua.	8..Bigelow	Springville.3 m. S. E.
32..Martin Hill.....	Harpursville, 4 m. S. W.		
33..Empire	Harpursville.		

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF ASHFORD—(Con'd).		TOWN OF FRANKLINVILLE—(Con'd).	
9..Block	Springville.. 5 m. S.	55..Franklinville	Franklinville,
10..Demons	Springville..6 m. S. E.	No. 2.....	2½ m. S.W.
11..Fox	West Valley.	56..Franklinville	Fitch.
12..Franktown	4 m. N.W.	No. 3.....	Franklinville.
13..Glen Brook No.	Ashford.....3 m. N.	No. 8.....	Devereaux.
17	West Valley.	No. 18.....	Franklinville,
14..Riceville	1 m. W.	59..Yorkshire No. 14	6 m. S.W.
15..Rock Spring....	Riceville.	14	Franklinville,
16..Schwartz	Springville..6 m. S.	60..Pullman No. 20.	4 m. S.W.
17..West Valley.....	Springville..7 m. S.		
	West Valley,		
	2 m. S.		
TOWN OF COLD SPRING.		TOWN OF FREEDOM.	
18..Lebanon	Randolph...4 m. E.	61..Freedom	Freedom.
19..Randolph No. 1.	E. Randolph..1 m. E.	62..Sandusky No. 1.	Sandusky.
20..Steamburgh	Steamburgh.	63..Sandusky No. 3.	Sandusky..3 m. S.E.
21..Storey	Steamburgh..2 m. N.	64..Sandusky No. 5.	Elton.
TOWN OF CONEWANGO.		65..Maple Grove....	Fish Lake.
22..Axville	Conewango..5 m. E.	66..Yorkshire No. 7.	Elton.....3 m. E.
23..Conewango	Conewango.	TOWN OF GREAT VALLEY.	
24..Elm Creek.....	Randolph...3 m. N.	67..Double Mill Hill	Great Valley..2 m. S.
25..Highland	Conewango..3 m. E.	68..Randall No. 4...	Great Valley,
26..Randolph No. 4.	Conewango.	69..Sandusky	3 m. S.E.
27..Randolph No. 5.	Pope.		Great Valley.
TOWN OF DAYTON.		TOWN OF HINSDALE.	
28..Cottage	Dayton.....4 m. W.	70..Fay Hollow.....	Hinsdale....2 m. S.
29..Markhams	Markhams.	71..Haskell Flats....	Haskell Flats.
30..Rock Spring....	Dayton.	72..Hinsdale	Hinsdale....2 m. N.
31..Wesley	Wesley.	TOWN OF HUMPHREY.	
TOWN OF EAST OTTO.		73..Franklinville	Sugar Town.
32..East Otto No. 1.	East Otto... 1½ m. E.	No. 4.....	Humphrey Centre.
33..East Otto No. 2.	East Otto.	74..Franklinville	Fitch.....3 m. S.W.
34..East Otto No. 3.	East Otto...4 m. N.	No. 6.....	Great Valley,
35..East Otto No. 4.	East Otto..3 m. N.E.	75..Franklinville	6 m. N.E.
TOWN OF ELKO.		No. 9.....	Humphrey.
37..Elko	Elko.	77..Franklinville	
TOWN OF ELLICOTTVILLE.		No. 11.....	
36..Plato Union....	Plato.	TOWN OF ISCHUA.	
38..Beaver Meadows	West Valley..4 m. S.	78..Abbotts Union..	Abbotts.
39..Ellicottville ...	Ellicottville.	79..Dutch Hill.....	Hinsdale..5 m. N.W.
40..Ellicottville C'y	Ellicottville.	80..Home	Cuba.....2 m. W.
41..Glen Br'k No. 1	Ellicottville..4 m. E.	81..Ischua	Ischua.
42..Glen Br'k No. 2	Ellicottville.	TOWN OF LEON.	
	5 m. N.E.	82..Champlain	Conewango Valley,
43..Irish Hill.....	Ellicottville..5 m. N.	No. 6.....	5 m. N.E.
44..Vedder's Corn...	Ellicottville..8 m. N.	83..Spring Brook	Cattaraugus,
45..Vinton	Ellicottville.	No. 6.....	4 m. S.W.
	3 m. N.E.	84..Leon Centre....	Leon.
TOWN OF FARMERSVILLE.		85..Leon Union.....	Conewango Valley,
46..Bullock	Franklinville.	86..South Dayton	3 m. N.E.
47..Fairview	5 m. N.E.	No. 2.....	Pine Valley,
48..Farmersville	Fairview.		4 m. S.E.
No. 1.....	Farmersville St'n.	TOWN OF LITTLE VALLEY.	
49..Franklinville	3 m. S.	87..Elkdale	Elkdale.
No. 5.....	Farmersville.	88..Little Valley	Little Valley.
50..Rock Spring		No. 2.....	
No. 1.....	Franklinville..3 m. N.	TOWN OF LYNDON.	
51..Sandusky No. 2.	Farmersville St'n.	89..Abbott No. 2....	Ischua....4 m. N.E.
52..Sandusky No. 9.	3 m. W.	90..Elgin	Elgin.
53..W. Farmersville	Farmersville Station	91..Lyndon	Franklinville..4 m. E.
	Machias.....3 m. E.	92..Stone	Franklinville..3 m. E.
TOWN OF FRANKLINVILLE.			
54..Franklinville			
No. 1.....	Cadiz.....2 m. S.		

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF MACHIAS.		TOWN OF SOUTH VALLEY.	
93..Canada Hill.....	Summit.....1 m. W.	133..Onoville	Onoville.
94..Farmersville No. 2.....	Machias...2 m. N.E.	TOWN OF YORKSHIRE.	
95..Franklinville No. 6.....	Franklinville, 3 m. N.W.	134..Block	Delevan....4 m. W.
96..Franklinville No. 13.....	Machias.....1 m. W.	135..Delevan	Delevan.
97..Napier	Franklinville, 2 m. N.	136..McKinstry	Delevan..4 m. S.W.
98..West Machias..	West Valley.3 m. E.	137..West Yorkshire.	Delevan..4 m. N.W.
TOWN OF MANSFIELD.		138..Yorkshire Cors.	Yorkshire.
99..East Valley.....	Ellicottville, 3 m. N.W.	CAYUGA COUNTY.	
100..Five Points, 1..	Little Valley.4 m. N.	TOWN OF CATO.	
101..Spring Brook No. 7.....	Otto.....7 m. S.E.	1..Cato	Jordan...3 m. N.W.
102..North Valley..	Ellicottville.4 m. W.	6..Meridian	Meridian.
103..Stebbins L.B'k.	Cattaraugus.4 m. E.	TOWN OF GENOA.	
104..Williams	Ellicottville, 5 m. N.W.	14..Genoa	Genoa.
TOWN OF NAPOLI.		TOWN OF LEDYARD.	
105..North Napoli No. 3.....	Napoli...2½ m. N.W.	12..Aurora	Aurora.
106..South Napoli No. 4.....	Napoli.	TOWN OF MORAVIA.	
107..Spring Valley..	East Randolph. 4 m. E.	4..Lickville	Moravia....2½ m. E.
TOWN OF NEW ALBION.		5..Moravia	Moravia.
108..Spring Brook No. 1.....	New Albion.	TOWN OF SEMPRONIUS.	
109..Spring Brook No. 2.....	Cattaraugus, 3 m. S.E.	3..Crystal Foun'n.	Dresserville.
110..Spring Brook No. 3.....	Little Valley, 3 m. N.W.	8..Sloan	Kelloggsville. 2 m. S.
TOWN OF OTTO.		TOWN OF SENNETT.	
111..Barber	Otto.....4 m. N.W.	7..Sennett	Sennett.
112..Lime Rock No. 1.....	Otto.	TOWN OF STERLING.	
113..North Otto.....	Otto.....5 m. N.	9..Sterling	Fair Haven.2½ m. E.
114..Ross No. 1.....	Gowanda.4 m. S.E.	11..Sterling Valley.	Sterling Valley.
115..Ross No. 2.....	Otto.....3 m. N.	TOWN OF SUMMER HILL.	
116..Rider	Otto.....6 m. N.	2..Como	Locke....5 m. N.E.
117..Scott's Corners.	Otto.....3 m. E.	10..Summer Hill...	Summer Hill.
TOWN OF PERRYSBURGH.		TOWN OF VENICE.	
118..Dewey	Dayton.....2 m. N.	13..Poplar Ridge...	Poplar Ridge.
119..Perrysburgh ...	Perrysburgh.	CHAUTAUQUA COUNTY.	
TOWN OF PERSIA.		TOWN OF ARKWRIGHT.	
120..Broadway	Gowanda....2 m. S.	1..Abbey	Hamlet....3 m. W.
121..Spring Brook, No. 4.....	Persia....1½ m. N.E.	2..Arkwright Cent.	Laona....4 m. S.E.
TOWN OF PORTVILLE.		3..Arkwright Un'n	Cassadaga.3 m. N.E.
122..Bedford Corners	Portville..2 m. N.E.	4..Caneadana	Cassadaga.5 m. N.E.
123..Lower Haskell..	Olean.....4 m. E.	TOWN OF BUSTI.	
124..Pleasant Valley.	Olean.....5 m. N.E.	5..Palmer Springs.	Jamestown, 4 m. S.W.
125..Portville	Portville.	TOWN OF CARROLL.	
126..Van Brunt.....	Carroll.	6..Carroll	Frewsburg.5 m. S.E.
TOWN OF RANDOLPH.		7..Carroll C'd Sp'g	Frewsburg.3 m. S.E.
127..Cold Spring.....	Randolph..3 m. S.E.	8..Fenton	Frewsburg..5 m. E.
128..Camp's	Randolph...1 m. S.	9..Nonpareil	Frewsburg.
129..Randolph No. 2.	Randolph.	10..Riverside	Fentonville.3 m. E.
130..Randolph No. 3.	Randolph...3 m. W.	TOWN OF CHARLOTTE.	
TOWN OF RED HOUSE.		11..Charlotte Centre	Charlotte Centre.
131..Red House.....	Red House.3 m. S.E.	12..Charlotte Union	Charlotte Centre, 2 m. E.
TOWN OF SALAMANCA.		13..Rood	Charlotte Centre, 3 m. N.
132..Seneca	Buck Tooth.	14..Sinclairville ...	Sinclairville.
		15..Sinclairville C'y	Sinclairville.
		TOWN OF CHAUTAUQUA.	
		16..Chautauqua Hill	Hartfield...4 m. N.
		17..Maple Grove....	Mayville...4 m. S.
		18..Mayville	Mayville.
		19..Waterman	Dewittville.3 m. N.

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF CHERRY CREEK.		TOWN OF SHERMAN.	
20..Ellington No. 8.	Cherry Creek.	66..Nickel Plate....	Sherman.....4 m. S.
21..Linwood	Cherry Creek, 3 m. N.	67..Sherman	Sherman.
TOWN OF CLYMER.		68..Whitney	Sherman.
22..Clymer	Clymer.	TOWN OF STOCKTON.	
23..Columbia	Clymer.....3 m. E.	69..Bear Creek.....	Stockton....3 m. S.
24..North Clymer...	Panama Station.	70..Cassadaga	Cassadaga.
25..Clymer Hill.....	Clymer.....4 m. N.	71..Centralia	Centralia.
26..Jaquins	Jaquins	72..Lewis	Stockton....3 m. W.
TOWN OF ELLERY.		73..Moons	Moons.
27..Alden's	Sinclairville, 6 m. S.W.	74..Stockton	Stockton.
28..Bemus Point....	Bemus Point.	TOWN OF VILLENOVA.	
29..Chautauqua L..	Fluvana.....2 m. N.	75..Beardsley	South Dayton, 2 m. W.
30..Ellery	Ellery Centre.	76..Maple Hill.....	Hamlet.
31..Red Bld.	Sinclairville, 3 m. S.W.	77..Villanova	Villanova.
32..Waterman's	Dewittville..4 m. E.	CHEMUNG COUNTY.	
33..West Ellery.....	Bemus Point, 3 m. N.E.	TOWN OF ASHLAND.	
TOWN OF ELLICOTT.		1..Lowman	Lowman.....1½ m.
34..Levant	Levant.	TOWN OF BALDWIN.	
TOWN OF ELLINGTON.		3..North Chemung|	North Chemung.
35..Ellington No. 1.	Ellington.	TOWN OF BIG FLATS.	
36..Ellington No. 2.	Ellington....3 m. N.	4..Big Flats.....	Big Flats.
37..Ellington No. 3.	Clear Creek.	TOWN OF CHEMUNG.	
38..Ellington No. 5.	Kennedy..4 m. N.W.	2..Co-operative ...	Chemung.
TOWN OF FRENCH CREEK.		TOWN OF ELMIRA.	
39..Cutting Brook..	Cutting.	7..Atwater	Elmira.
40..French Creek...	French Creek.	8..W. H. Nicholl..	Elmira.
41..Morgan's Corn's	Cutting..3½ m. N.E.	9..G. M. Cowan....	Elmira.
TOWN OF GERRY.		10..Mike Ronan....	Elmira.
42..Denison	Sinclairville..4 m. E.	11..Elaton	Elmira.
43..Ellington No. 6.	Ellington....4 m. W.	TOWN OF HORSEHEADS.	
44..Gerry	Gerry.	5..Horseheads	Horseheads.
45..Star	Gerry.....2 m. N.E.	6..Oak Grove.....	Horseheads..2 m. N.
TOWN OF HANOVER.		CHEMUNGO COUNTY.	
46..Forestville	Forestville.	TOWN OF AFTON.	
47..Nashville	Nashville.	1..Afton	Afton.
TOWN OF HARMONY.		2..Star	Ninevah Junction, 2 m. N.W.
48..Blockville	Blockville.	TOWN OF BAINBRIDGE.	
49..Goshen	Bear Lake, Pa., 2 m. N.	3..Bainbridge Cr..	Bainbridge.
50..Grant	Grant.	4..Bainbridge	Bainbridge.
51..Open Meadows..	Open Meadows.	5..W. Bainbridge..	West Bainbridge.
52..Panama	Panama.	TOWN OF COLUMBUS.	
53..Watts Flats.....	Watts Flats.	6..Columbus	Columbus.
TOWN OF KIANTONE.		7..Cottage	Sherburne, 4 m. N.E.
54..Kiantone	Kiantone....2 m. S.	8..Tallette	Tallette.
55..Stillwater	Jamestown..3 m. S.E.	TOWN OF COVENTRY.	
TOWN OF MINA.		9..Church	Coventry....2½ m. S.
56..Findley Lake...	Findley Lake.	10..Coventryville ..	Coventryville.
57..Marks	Marks.	11..Excelsior	Coventry.
58..Mina	Mina.	TOWN OF GERMAN.	
TOWN OF MOLAND.		12..German Five C.	German.....2 m. N.
59..Cold Water.....	Kennedy.....3 m. S.	TOWN OF GREENE.	
60..Ellington No. 4.	Kennedy.	13..Willard's	Chenango Forks.
TOWN OF RIPLEY.		14..Stillwater	Read.
61..Cold Spring....	State Line..4 m. S.E.	15..A. B. Robinson.	Greene....2½ m. W.
62..Empire	State Line....4 m. S.	16..Page Brook....	Greene....4 m. S.E.
63..Fairbanks	Sherman...7 m. N.W.	17..Marcy	Greene....4 m. S.W.
64..Star	Ripley.....4½ m. S.	18..Johnson	Greene....3½ m. E.
65..Sheldon's Cors..	Sherman..5½ m. N.W.	19..Harbor	Greene....3 m. N.
		20..Empire State	
		21..Day Spring.....	Greene. Brisbin.

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF GUILFORD.		TOWN OF PRESTON.	
22..Arctic	Guliford.....2 m. W.	67..Preston Centre..	Preston.....2 m. S.
23..Guliford	Guliford.	68..Preston	Preston.
24..Mt. Upton.....	Mt. Upton.	TOWN OF SHERBURNE.	
25..Pine Grove.....	Rockdale.....2 m. N.	69..Baldwin	Sherburne.2 m. N.W.
26..Rockdale	Rockdale.	70..Union	Sherburne.3 m. N.E.
27..Smith	Guliford..1½ m. S.W.	71..Todd	Sherburne. 1½ m. N.E.
28..North Guliford..	Guliford.....2 m. N.	72..Robinson	Sherburne..1½ m. N.
29..Trestle	Trestle.	73..Loomis	Sherburne.3 m. N.
TOWN OF LINCKLAEN.		74..Hillside	Sherburne. 4½ m. N.E.
30..Harrington	Lincklaen...1½ m. S.	75..Harrisville	Sherburne. 1½ m. S.E.
31..Lincklaen Cent.	Lincklaen Centre.	TOWN OF SMITHVILLE.	
32..Mariposa	Mariposa.	76..Smithville Flats	Smithville Flats.
TOWN OF McDONOUGH.		77..Smithville Cent.	Landers.
33..McDonough	McDonough.	78..Deer Spring.....	Tyner.
34..McDonough El- gin Creamery.	McDonough.	79..Howell's	Greene.....6 m. N.E.
TOWN OF NEW BERLIN.		80..Benedict	Brisbin.....2 m. N.
35..Cold Spring.....	Norwich.....7 m. N.E.	TOWN OF SMYRNA.	
36..Elm Shade.....	South New Berlin.	81..Smyrna	Smyrna.
37..Holmesville D'y Co	Holmesville. 2½ m. N.	82..Smyrna Hill.....	Smyrna.....2½ m. W.
TOWN OF NORTH NORWICH.		83..Sherburne Four Corners	Smyrna.
39..Holliday	Norwich..6 m. N.E.	84..Reynolds	Smyrna.3½ m. N.W.
40..North Norwich.	Galen.	85..Pleasant Brook.	Smyrna..3 m. N.W.
TOWN OF NORWICH.		86..Billings	Earlville..2 m. S.W.
38..Lathams	Lathams Corners.	CLINTON COUNTY.	
41..Greenfield	White Store, 2 m. N.W.	TOWN OF ALTONA.	
42..Haynes	Haynes.	12..Rock Side.....	Altona.....1 m. N.
43..Lyon, Brook & Star	Haynes.....2 m. E.	13..Irona	Altona.
44..Willowvale	Norwich..4 m. S.E.	TOWN OF AUSABLE.	
45..Rushmore	Norwich.	29..Keeseville	Ausable.....1 m. W.
46..Woods Corners, Ch. Fac.....	Norwich.....1 m. N.	TOWN OF BEEKMANTOWN.	
47..Woods Corners,	Norwich.....1 m. N.	23..Beekmantown ..	Beekmantown.
TOWN OF OTSELIC.		24..Lake Side.....	Beekmantown, 3 m. N.E.
48..Beaver Meadow,	Beaver Meadow, 1 m. N.	25..McCauley	Beekmantown, 4 m. N.W.
49..Otselic	Otselic.	TOWN OF CHAMPLAIN.	
50..South Otselic...	South Otselic.	17..Champlain	Champlain.
51..Otselic Centre..	Otselic Centre	18..McCrea	Champlain..1 m. W.
TOWN OF OXFORD.		19..Coopersville	Coopersville.
53..Coventry	Coventry Station.	TOWN OF CHAZY.	
53..Hull	Oxford.....5½ m. S.	20..Dunn's Farm....	Chazy.
54..Oxford	Oxford.	21..West Chazy	Chazy.
55..Robinson Mills.	Coventry Station, 1½ m. S.W.	22..Sciota	Chazy.
56..Stone	So. Oxford..5½ m. E.	TOWN OF CLINTON.	
TOWN OF PHARSALIA.		30..Churubusco	Clinton.
57..G. W. Davis....	Pharsalia.	31..Valley Spring...	Churubusco..2 m. N.
58..Deer Lake.....	North Pharsalia. 2 m. N.W.	32..Cold Spring.....	Churubusco. 3 m. S.W.
59..Mill Brook.....	East Pharsalia.	TOWN OF DANNEMORA.	
TOWN OF PITCHER.		26..Dannemora	Dannemora..
60..North Pitcher...	North Pitcher.	TOWN OF ELLENBURGH.	
61..Union Valley...	Union Valley, 1-3 m. W.	6..Ellenburgh Dep.	Ellenburgh.
62..Wheeler	Cincinnati, 3 m. N.E.	7..Ellenburgh Dep.	Ellenburgh.
TOWN OF PLYMOUTH.		8..Ellenburgh Cor.	Ellenburgh..1 m. E.
63..Borden	Plymouth.	9..Ellenburgh Cen.	Ellenburgh..4 m. S.
64..Midland	Kirk.	10..Star	Ellenburgh.
65..Shamrock & Thistle	Kirk.....3½ m. N.	11..McGaulley	Ellenburgh. 5 m. S.E.
66..South Plymouth	South Plymouth.		

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF MOOERS.		TOWN OF MARATHON.	
14.. Mooers Forks....	Mooers	13.. Wightman's	Marathon. .3 m. N.E.
15.. Mooers	Mooers	14.. Kesler	Marathon. 2½ m. N.E.
16.. Cannon Corners	Mooers.....9 m. W.	43.. Marathon	Marathon.
TOWN OF PERU.		53.. Meacham	Marathon...2½ m. N.
3.. Peru	Peru.	TOWN OF PREBLE.	
4.. Smithdale	Peru.....3 m. S.E.	20.. Preble	Preble.....1 m. E.
5.. Skanlan	Lathams' Mills.	TOWN OF SCOTT.	
TOWN OF PLATTSBURGH.		19.. Scott	Scott.
1.. Plattsburgh	Plattsburgh.	TOWN OF SOLON.	
2.. W. Plattsburgh..	Plattsburgh.10 m. W.	6.. South Valley....	McGraw...3 m. S.E.
TOWN OF SARANAC.		27.. North Solon....	Solon.....3 m. N.W.
27.. Redford	Redford..1½ m. N.W.	28.. Maple Grove....	Solon.....4½ m. N.W.
28.. Saranac	Redford.	30.. Bear Spring....	Solon.
COLUMBIA COUNTY.		31.. Central	McGraw...3 m. N.E.
TOWN OF CANAAN.		TOWN OF TAYLOR.	
1.. James Finney....	State Line..2 m. W.	22.. Taylor Centre..	Cincinnati, 7 m. N.W.
TOWN OF NEW LEBANON.		23.. Hawley	Cincinnati, 4 m. N.W.
2.. New Lebanon....	New Lebanon.	24.. Spring Brook...	Cincinnati, ¾ m. N.W.
CORTLAND COUNTY.		25.. Taylor	Taylor.
TOWN OF CINCINNATUS.		TOWN OF TRUXTON.	
16.. Daniel White....	Cincinnati.2 m. W.	39.. Truxton Cheese Factory	Truxton.
59.. Tillinghast	Cincinnati.	40.. Truxton Cream..	Truxton.
TOWN OF CORTLANDVILLE.		41.. Curtis	Chenango.
4.. Eastside	Cortland...3 m. E.	42.. Truxton	Truxton Station.
5.. Crystal Spring..	McGraw.....2 m. N.	52.. McAdam	Truxton.....½ m. E.
7.. Sear	Cortland...3 m. W.	TOWN OF VIRGIL.	
8.. Cold Spring....	South Cortland.	18.. Virgil Spring...|	Virgil.....1 m. S.W.
46.. Blodgett's Mills.	Blodgett's Mills.	50.. Messengerville .|	Messengerville.
47.. Farmers Union.	Blodgett's Mills.	TOWN OF WILLETT.	
51.. Cortland	Cortland.	10.. Hollenbeck	Texas Valley, 2 m. S.E.
TOWN OF CUYLER.		11.. Otasle Valley...|	Marathon....6 m. E.
43.. Cuyler Creamery|	Cuyler.	15.. Willett	Willett.
44.. Cuyler	Cuyler.	17.. Belknap	Willett.....1 m. E.
45.. Cuyler Hill....	Cuyler.....2½ m. S.	DELAWARE COUNTY.	
57.. Patricks	Cuyler.	TOWN OF COLCHESTER.	
58.. Keeney Settle't.	Keeney.	1.. C. P. Root's....|	Downsville.
TOWN OF FREETOWN.		TOWN OF DAVENPORT.	
9.. Maple Shade....	Texas Valley.	2.. Orlando Coss....|	Davenport Centre.
21.. Freetown	Freetown Corners.	3.. C. P. Root's....|	Davenport Centre.
26.. East Freetown..	East Freetown.	TOWN OF FRANKLIN.	
29.. Maplewood Pl..	East Freetown. 1½ m. S.	7.. Hong & Merrill..|	Franklin...5 m. N.
TOWN OF HARFORD.		8.. Delaware C'ty ..|	Franklin..3 m. N.E.
32.. Blumers	Harford...½ m. S.W.	9.. Arctic Co-opera- tive	Franklin....4 m. E.
33.. Harford	Harford Station.	TOWN OF HAMDEN.	
34.. Harford's Mills.	Harford's Mills.	4.. C. P. Root's....|	
56.. Trout Brook....	Harford's Mills. 4 m. N.E.	TOWN OF MASONVILLE.	
TOWN OF HOMER.		10.. Masonville	Masonville.
1.. Little York.....	Little York..½ m. E.	11.. W. A. Gifford's..	East Masonville.
2.. Farmers Union..	Little York..½ m. E.	TOWN OF MEREDITH.	
3.. West Hill	Homer.....4 m. W.	18.. Ayers & McKin- ney	Delhi.....6½ m. N.
35.. East River....	East River.	TOWN OF SIDNEY.	
36.. East Homer C'y	East Homer.1 m. E.	5.. Root & Manger..|	Sidney Centre.
37.. East Homer....	East Homer.	6.. Sidney Centre ..|	Sidney Centre.
38.. Highland	East Homer.2 m. N.		
48.. Homer	Homer.		
TOWN OF LAPEER.			
12.. Maple Grove....	Hunts Corners.		
54.. Tarbox	Marathon...4 m. W.		
55.. House	Marathon...2½ m. W.		

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF STAMFORD.		TOWN OF CONCORD.	
16..Hobart Co-operative	Hobart.	15..Woodside	Springville..5 m. W.
17..Almeda Co-operative	South Cortwright.	16..Townsend Hill..	Springville, 3½ m. N.W.
TOWN OF TOMPKINS.		17..Teft	Springville, 2½ m. S.W.
12..Gannawissa	Maywood...7 m. S.	18..Dye	Springville..7 m. N.
13..Up the Glen.....	Walton...5 m. N.W.	19..Springville	Springville.
14..Rock Royal.....	Rock Royal.	20..West Branch.....	Springville, 8 m. N.W.
15..Cannonsville	Cannonsville.	21..East Concord...	Springville..4 m. N.
DUTCHESS COUNTY.		22..West Concord...	Springville, 4 m. N.W.
TOWN OF LE GRANGE.		23..Wyandale	Springville, 6 m. N.W.
3..Le Grange.....	Poughkeepsie, 6½ m. E.	24..East Concord, 2	Springville..5 m. N.
5..Le Grange.....	Le Grange.	25..Pike	Springville, 8½ m. N.W.
TOWN OF PAWLING.		26..Mersmann	Springville, 8½ m. N.W.
4..Wolf's	Pawling.	27..New Oregon.....	Springville, 9½ m. N.W.
TOWN OF PLEASANT VALLEY.		28..Mortons Corners	Springville, 4½ m. W.
2..Salt Point Co-operative	Salt Point.	TOWN OF EDEN.	
TOWN OF RED HOOK.		34..Eden Centre, 1..	Eden Centre.3 m. W.
1..Wilbur's	Red Hook.	35..Eden Centre, 2..	Eden Centre.3 m. S.
ERIE COUNTY.		36..Eden	Eden Centre.4 m. E.
TOWN OF ALDEN.		37..Eden Valley....	Eden Valley.
1..Progressive	Alden....1 m. N.W.	TOWN OF ELMA.	
TOWN OF AMHERST.		62..Cole	East Aurora, 4 m. N.W.
63..East Amherst...	Williamsville, 4 m. N.W.	TOWN OF GRAND ISLAND.	
TOWN OF AURORA.		48..Grand Island...	Grand Island.
2..Blackley	East Aurora.3 m. S.	TOWN OF HAMBURGH.	
3..Boies	West Falls.2½ m. E.	39..Hamburgh	Hamburgh, 2½ m. S.E.
TOWN OF BOSTON.		TOWN OF HOLLAND.	
4..North Boston...	North Boston.	40..Protection	Protection.
5..Boston	Boston Centre, 1 m. S.	41..Holland	Holland.
6..Lening & Whol-heater	Boston Centre, 1½ m. N.E.	42..East Holland...	Holland...4½ m. S.E.
TOWN OF BRANDT.		TOWN OF MARILLA.	
61..Brandt	Angola....4 m. S.	43..Porterville	Jamison Road.4 m. E.
TOWN OF CLARENCE.		44..Marilla	Marilla.
7..Clarence Centre	Clarence Centre.	TOWN OF NEWSTEAD.	
8..Clarence	Clarence.	49..Akron	Akron.
TOWN OF COLDEN.		TOWN OF NORTH COLLINS.	
29..North Colden...	Colden...5 m. N.E.	45..Clear Creek, 2..	North Collins, 7 m. S.E.
30..South Colden...	Colden...4½ m. S.E.	46..Marshfield	Lawtons Station, 4 m. E.
31..Colden Centre...	Colden...4 m. E.	47..Langford	North Collins, 4 m. E.
32..Glenwood	Glenwood.	48..Taber	North Collins, 2½ m. S.E.
33..Colden	Colden.	TOWN OF SARDINIA.	
TOWN OF COLLINS.		50..Henshaw	Sardinia...5 m. W.
9..Clear Creek, 1..	Collins Centre.	51..Rider	Chaffee...5 m. W.
10..Ross No. 3.....	Gowanda.	52..Richmond	Sardinia.4 m. S.W.
11..Scrabble Hill...	Collins Centre, 1½ m. S.W.	53..Matteson	Sardinia...4 m. N.
12..Collins No. 1....	Collins Centre, 2½ m. N.E.	54..Chaffee	Chaffee...1 m. W.
13..Erie No. 1.....	Collins Centre, 2 m. N.	55..Newton	Sardinia.3 m. N.W.
14..Prairie Queen...	Gowanda.3 m. S.E.	56..Cloverland	Sardinia.
		57..Cloverland No. 2	Sardinia...2 m. W.
		TOWN OF WALES.	
		58..Wales Centre...	East Aurora.5 m. E.
		59..Wales	East Aurora.7 m. E.
		60..Hunter's Creek.	East Aurora, 9 m. S.E.

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
ESSEX COUNTY.		TOWN OF WESTVILLE.	
TOWN OF WILLSBORO.		39..Crystal Spring..	Fort Covington, 7 m. S.E.
1..Adirondack	Willsboro Point.	FULTON COUNTY.	
FRANKLIN COUNTY.		TOWN OF EPHRATAH.	
TOWN OF BANGOR.		9..Broadalbin	Ephratah.
1..Adirondack	Bangor...4 m. S.E.	11..Ephratah	Ephratah.
2..Donaldson	Bangor...2½ m. S.	TOWN OF JOHNSTOWN.	
3..Jenkins	Bangor...2½ m. W.	1..Star	Johnstown.
4..Delong's	Bangor.	2..C. O. Cross	Johnstown.
5..South Bangor....	Bangor...1½ m. S.E.	TOWN OF MAYFIELD.	
6..Stony Creek....	Bangor...3½ m. S.W.	10..Cranberry Creek	Mayfield.
7..North Bangor....	Bangor...2 m. E.	TOWN OF OPPENHEIM.	
TOWN OF BELMONT.		3..Crum Creek.....	Inghams Mills, 2½ m. E.
8..West Belmont..	Malone...6 m. S.E.	4..Zimmerman C'k	St. Johnsville, 3 m. N.
9..Brainardsville ..	Brainardsville, 4 m. S.	5..Johnstown	Inghams Mills, ½ m. E.
10..New	Brainardsville, 2½ m. S.E.	6..Meadow Brook..	Oppenheim...2 m. W.
TOWN OF BOMBAY.		7..Bennett	Oppenheim...1 m. E.
11..Clark & Forbs..	Bombay Junction, 2½ m. E.	TOWN OF STRATFORD.	
12..Hogansburgh ..		8..Emmonsburgh ..	Emmonsburgh.
13..Bombay	South Bombay.	GENESEE COUNTY.	
TOWN OF BRANDON.		TOWN OF ALEXANDER.	
14..Skerry	Skerry...1 m. N.W.	1..Excelsior	Alexander.
TOWN OF BURKE.		TOWN OF BERGEN.	
15..Arctic	Burke...2½ m. N.W.	4..Cold Spring.....	Bergen.
16..Elm Grove.....	Burke...1 m. N.E.	TOWN OF BYRON.	
17..Jordans	Burke...6 m. N.	3..Byron	Byron Centre.
18..Rosedale	Burke...1 m. S.	TOWN OF ELBA.	
19..Fay	Burke...4 m. N.W.	5..Elba	Elba.
TOWN OF CHATEAUGAY.		TOWN OF LEROY.	
20..Amber	Chateaugay, 4 m. S.E.	2..Beechnut	Leroy.
21..Bailey & Spring	Chateaugay, 2½ m. S.E.	HERKIMER COUNTY.	
22..Chateaugay	Chateaugay.	TOWN OF COLUMBIA.	
TOWN OF CONSTABLE.		51..Columbia Centre	Columbia Centre.
23..Empire State....	Constable, 2½ m. S.W.	52..Millers Mills...	Millers Mills...1 m. S.
24..Constable	Constable.	53..Elizabethtown ..	Ilion...3 m. S.
TOWN OF DICKINSON.		TOWN OF DANUBE.	
25..Alburgh	Dickinson Centre, 2 m. N.W.	21..Newville Asso..	Newville.
26..Cold Spring....	Dickinson Centre, 3 m. N.	22..Crystal Spring..	Newville...2 m. E.
27..Taylor	Dickinson Centre, 3½ m. N.E.	23..Elm Grove.....	Newville...3 m. S.E.
TOWN OF FORT COVINGTON.		24..Glenaside	Little Falls...2 m. S.
28..Fort Covington.	Fort Covington, 1 m. S.	25..Hickory Grove..	Indian Castle...1 m. S.
29..Gold Coin	Fort Covington, 3½ m. S.E.	TOWN OF FAIRFIELD.	
TOWN OF MALONE.		90..Middleville	Middleville...1 m. S.
30..Barry	Malone...4 m. N.W.	91..Fairfield Centen.	Middleville, 2½ m. S.E.
31..Excelsior	Malone...4 m. N.E.	92..Old Fairfield....	Fairfield.
32..Keeler's	Malone...2 m. S.W.	93..LaRue	Salisbury...4 m. N.W.
33..Malvin	Malone...4 m. S.W.	94..Comstock	Salisbury...2 m. N.W.
34..Chasm Falls....		95..M. J. Newman...	Fairfield...3 m. N.
TOWN OF MOIRA.		96..Bartow Hill....	Fairfield...1 m. N.E.
35..Moira	Moira.....2 m. S.	97..Fairfield D'y As.	Fairfield...2 m. S.
36..Gilt Edge.....	Moira...3 m. N.W.	98..Fenner	Fairfield...1½ m. W.
37..J. H. Griffin....	Moira...3½ m. N.E.	99..A. Davis	Little Falls...4 m. N.
		100..Keller	Little Falls...3 m. N.
		TOWN OF FRANKFORT.	
		70..Gilt Edge.....	Frankfort, 3½ m. S.W.
		71..E. E. Jones....	Frankfort...3 m. S.W.
		72..Owens	Frankfort.

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF GERMAN FLATS.		TOWN OF RUSSIA—(Con'd).	
38..Dennison's Cor..	Mohawk.....3 m. S.	14..Sunrise	Cold Brook...1 m. N.
39..Fulmer Creek...	Mohawk.....1 m. S.	15..Carpenter	Russia.....1 m. E.
40..Morts	Mohawk.....4 m. E.	16..Lanning	Russia.....1 m. W.
41..Paines Hollow...	Edicks.	17..Miles Moore.....	Russia.....1 m. S.
42..Rising Star.....	Paines Hollow.	18..G. Hinckley.....	Gravesville.1 m. N.
43..Crims	Paines Hollow.	19..W. N. Erwin.....	Poland.....2 m. W.
	1 m. S.	20..Poland	Poland.
TOWN OF HERKIMER.		TOWN OF SALISBURY.	
73..Herkimer	Herkimer.	1..Cold Creek.....	Dolgeville.1 m. N.
74..Neills	Herkimer...2 m. N.	2..Avery & Ives...	Salisbury Cent.,
75..Kast Bridge.....	Herkimer...3 m. N.		2 m. E.
76..Countrymans	Middleville.2 m. S.	3..Cook, Ives & Co	Salisbury.
77..Small's Bush.....	Little Falls.4 m. W.	4..Old Salisbury...	Salisbury.1 m. N.W.
78..Pine Grove.....	Herkimer.2 m. N.E.	TOWN OF SCHUYLER.	
79..Shell's Bush.....	Herkimer.4 m. N.E.	44..East Schuyler...	East Schuyler.
80..Springseck	Herkimer...1 m. W.	45..Ruby	Newport.4 m. S.W.
TOWN OF LITCHFIELD.		46..Schuyler Cen...	Frankfort.5 m. N.W.
65..Cedar Lake.....	Cedar Lake.1 m. S.	47..Sterling	Newport.....4 m. S.
66..Cedarville	Cedarville.	48..W. Schuyler	Utica.....4 m. E.
67..North Litchfield	North Litchfield.	49..Short Lots.....	W. Schuyler.
68..Gulph	Gulph.....1 m. S.E.		2 m. N.E.
69..Quinlavin	Frankfort...3 m. S.	50..L. P. Lints.....	Frankfort...2 m. N.
TOWN OF LITTLE FALLS.		TOWN OF STARK.	
101..Burt Grove.....	Little Falls.	26..Cramers Corners	Starkville...2 m. W.
102..Springstock	Little Falls.	27..Starkville	Starkville.
	2 m. N.W.	28..Whipple	Van Hornesville.
103..Little Falls.....	Little Falls.1 m. N.	29..Brush	Van Hornesville.
104..Eaton Bush.....	Little Falls.		2 m. N.W.
	4 m. N.W.	30..Staring	Deck.
105..Clover Valley...	Little Falls.	TOWN OF WARREN.	
	4 m. N. W.	54..Brockway's	Little Lakes.
106..Hill	Little Falls.	55..Caswells Cors...	Richfield Springs.
	1 m. S.W.		2 m. N.E.
107..Mohawk Valley.	Little Falls.3 m. W.	56..Craines Corners	Jordanville.1 m. E.
108..Casler	Little Falls.2 m. S.	57..Starkweather's ..	Jordanville.
			1 m. N.E.
TOWN OF MANHEIM.		58..Henderson Asso.	Starkweather.1 m. E.
5..New Manheim...	East Creek.1 m. N.	59..Jordanville	Jordanville.
6..Snell's Bush.....	East Creek.1 m. N.	60..Kingdom	Jordanville.3 m. W.
7..Manheim Cold Spring	Inghams Mills.	61..Cullen	
	1 m. W.	TOWN OF WINFIELD.	
8..Manheim State Hill	Dolgeville...1 m. S.	62..North Winfield.	Cedar Lake.1 m. S.
9..Brockett & Carley	Dolgeville.2 m. N.W.	63..Bartlett	Winfield.
10..J. J. Cook.....	Little Falls.3 m. N.	64..West Winfield ..	Winfield Station.
TOWN OF NEWPORT.		JEFFERSON COUNTY.	
81..Hassenclever ...	Newport.2 m. S.W.	TOWN OF ADAMS.	
82..Banner	Newport.....1 m. S.	76..Rosemary'	Adams.
83..Cloverleaf	Newport.	77..Bridge	Adams.
84..Newport Hill...	Newport.....4 m. W.	78..Maxon	Adams Centre.
85..McNierney	Newport...3 m. N.W.	79..North Adams...	Adams Centre.
86..Shedd Brook.....	Newport...4 m. S.W.		2 m. N.W.
87..McKerrows 999..	Middleville.1 m. S.	80..Muzzy	Adams Centre.
			4 m. S.W.
TOWN OF NORWAY.		TOWN OF ALEXANDRIA.	
31..White Creek....	Newport...2 m. N.E.	40..Bickelhaupt's C.	No. 7.
32..Norway Asso....	Norway.....2 m. N.	41..Bickelhaupt's C.	No. 14.
33..Norway	Norway.		Theresa..6 m. N.W.
34..Black Creek.....	Gray.....1 m. E.	42..Cold Brook.....	La Fargeville.
35..J. Murphy.....	Norway...4 m. N.E.		4 m. N.
36..Weston & Tpk.	Gray.....2 m. E.	43..Black Rock.....	Redwood.1 m. N.W.
37..Gray	Gray.	44..Zimmer	Redwood...5 m. W.
		45..Bickelhaupt's C.	No. 3.
88..Ohio Bulld. Co..	Ohio.....2 m. W.		Redwood.3 m. N.W.
89..Fisher Dairy....	Ohio.....2 m. S.W.	46..Hartman	Redwood...5 m. N.W.
TOWN OF RUSSIA.		47..Point Vivian	Redwood...6 m. N.W.
11..Cold Brook.....	Cold Brook.	48..Bickelhaupt's C.	No. 12.
12..D. McArthur's...	Grant.....1 m. W.		Redwood...2 m. N.
13..Laning	Cold Brook.2 m. N.	49..Bickelhaupt's C.	No. 8.
			Redwood...3 m. N.

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF ALEXANDRIA—(Con'd).		TOWN OF HENDERSON.	
50..Bickelhaupt's C. No. 2.....	Redwood...4 m. N.	88..Smithville 89..Mathers 90..Henderson Vil- lage	Smithville. Smithville...5 m. S. Henderson. Henderson...1 m. S.
51..Springer 52..Cold Spring..... 53..Bickelhaupt's C. No. 9.....	Redwood...5 m. N. Hammond.4 m. S.W. Hammond..3 m. W. Hammond, 2½ m. S.W.	TOWN OF HOUNSFIELD.	
54..Thistle		92..Windmill 93..Ontario	Watertown..4 m. W. Sacketts Harbor, 1 m. S.
TOWN OF ANTWERP.		94..Camps Mills.....	Camps Mills.
125..Hillside	Theresa.....4 m. E.	TOWN OF LE RAY.	
126..Cloverdale No. 2	Theresa.....5 m. E.	62..Bridge	Evans Mills, 1 m. N.E.
127..Brown	Theresa.....6 m. E.	63..Crystal	Evans Mills..3 m. N.
128..Spring Valley...	Antwerp..5 m. N.W.	64..Evans Mills..... 65..Evans Mills Stock Co.....	Evans Mills, Evans Mills, Evans Mills, 5 m. N.W.
129..Wright	Old Sterling Mine, 3 m. W.	66..Jefferson Valley.	Evans Mills, 5 m. N.W.
130..Gleason.	Old Sterling Mine, 5 m. N.W.	67..Five Corners....	Black River.
131..Riverside	Old Sterling Mine, ¾ m. N.W.	68..Sanfords Corners.	Sanfords Corners.
132..Klondyke	Old Sterling Mine.	69..Mud St.....	Evans Mills.4 m. E.
133..F. X. Baumert & Co.....	Antwerp.	TOWN OF LORRAINE.	
134..Star	Antwerp.....3m. S.	95..Grove	Lorraine.
TOWN OF BROWNVILLE.		96..Pitkin	Lorraine...1½ m. S.
1..Enterprise	Brownville.1½ m. N.	97..Winona	Lorraine...3 m. S.
2..Pierrepont Union	Limerick...3 m. W.	98..Maple Grove....	Lorraine...2 m. S.E.
3..Pierrepont Cen- tre	Limerick.5½ m. S.W.	99..Stone No. 3.....	Lorraine.1 m. S.W.
4..Bay View.....	Limerick. 8 m. S.W.	TOWN OF LYME.	
5..Perry	Limerick.3 m. N.W.	8..Chaumont Dairy Co	Chaumont.
6..Excelsior	Limerick..4 m. N.E.	9..Three Mile Bay.	Three Mile Bay.
7..Robertson	Limerick..6 m. N.E.	10..Point Peninsula.	Point Peninsula.
TOWN OF CAPE VINCENT.		TOWN OF ORLEANS.	
11..Fox Creek.....	Rosiere.....3m. S.	30..Columbian	Clayton...6 m. N.E.
12..Pleasant Valley.	Rosiere...1½ m. S.	31..Hill Spring.....	La Fargeville. 4½ m. N.
13..Scotch Brook...	Rosiere...2 m. N.W.	32..Bickelhaupt's C. No. 25.....	La Fargeville, 2 m. N.E.
14..Rosiere	Rosiere...1½ m. E.	33..Bickelhaupt's C. No. 17.....	La Fargeville, 1 m. E.
15..Warren Settle- ment	Rosiere...5 m. N.E.	34..Orleans Centre..	La Fargeville, 1 m. S.
TOWN OF CHAMPION.		35..Gates	La Fargeville, 8½ m. S.
109..Besha	Carthage.	36..Orleans Centre..	La Fargeville, 5 m. S.E.
110..Village	Carthage..4m. S.W.	38..Stowe Mills Union	La Fargeville, 6 m. S.
111..C. W. Day.....	South Champion.	39..Howard	La Fargeville, 7 m. S.
112..O. K.	Great Bend.2 m. S.E.	TOWN OF PAMELIA.	
113..McNitt Bros....	South Champion, 2 m. N.E.	16..Pamelia Centre..	Brownville, 4 m. N.E.
114..Babcock	Carthage...5 m. W.	17..Cloverdale	Evans Mills, 4 m. N.W.
TOWN OF CLAYTON.		18..Fair View.....	Evans Mills, 5 m. W.
21..Farmers	Chaumont.6 m. N.E.	19..Cook	Evans Mills, 6 m. W.
22..Thousand Island	Clayton...6 m. S.W.	20..Bacon & Gould..	Evans Mills, 5 m. S.W.
23..Bickelhaupt's C. No. 12.....	Clayton...3½ m. S.	TOWN OF PHILADELPHIA.	
24..Lime Road.....	Clayton...6 m. S.	55..Spring	Theresa June.3 m. E.
25..Empire State...	Clayton...4 m. S.E.	56..East Wilson.....	Theresa Junction, 2½ m. S.E.
26..Bickelhaupt's C. No. 16.....	Clayton...3½ m. E.	57..Philadelphia	Philadelphia.
27..Grindstone Is- land	Clayton..2½ m. N.W.		
28..Duford	Clayton...2 m. E.		
29..Garlock	Clayton...3 m. E.		
TOWN OF ELLISBURGH.			
31..Ellisburgh	Ellisburgh.		
32..Woodville	Ellisburgh.		
33..Belleville	Ellisburgh.2 m. N.E.		
34..Fillmore	Ellisburgh..4 m. N.		
35..Stone No. 1.....	Mannsville..2 m. W.		
36..Barrett	Mannsville.3 m. S.W.		
37..Sallsbury No. 3.	Mannsville.5 m. S.W.		

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF PHILADELPHIA—(Con'd).		TOWN OF WORTH.	
58..Strickland	Philadelphia.2 m. S.	107..Worthville	Worthville.
59..Cat Tail Cors...	Philadelphia, 3 m. S.E.	108..Worth Centre...	Worth Centre.
60..Hoover	Sterlingville.1 m. W.		
61..Galway Sta.....	Philadelphia, 3 m. S.W.		
TOWN OF RODMAN.		LEWIS COUNTY.	
100..East Rodman...		TOWN OF CROGHAN.	
101..Sandy Creek Valley	East Rodman. Rodman.	1..Champion Spring	Castorland..4½ m. E.
102..Rodman Village.	Rodman.	2..Clover Valley...	Carthage...7 m. E.
103..Tremains Corn- ers	Adams.....6 m. E.	3..Croghan	Castorland...8 m. E.
104..Anson Miller...	Adams.....4 m. E.	4..Haller	Castorland...1 m. E.
105..Trout	Adams Centre, 1½ m. E.	5..Indian River...	North Croghan, 9 m. S.E.
106..North Rodman..	Adams Centre, 3 m. N.E.	6..Renaux	North Croghan, ¾ m. S.E.
		7..Swiss Creek....	Carthage..6 m. S.E.
TOWN OF RUTLAND.		TOWN OF DENMARK.	
115..Tylerville	Tylerville.	8..Copenhagen	Castorland..7 m. W.
116..H. C. Ames.....	Tylerville...2 m. N.	9..Crown Brand.....	Castorland..4 m. W.
117..Waldo	Tylerville..2 m. N.E.	10..Harter	Deer River, 2 m. N.W.
118..Williams No. 2..	Black River, 3 m. S.E.	11..Imperial	Deer River, 2½ m. S.W.
119..Parkinson Bros.	Black River, 3 m. S.W.	12..Rising Star.....	Castorland, 6 m. S.W.
120..B. P. Smith....	Black River.	13..Standring	Deer River, 2 m. N.W.
121..Cascade	Tylerville, 3 m. N.W.		
TOWN OF THERESA.		TOWN OF DIANA.	
125..Bickelhaupt's C. No. 10.....	Redwood....2 m. S.	14..Erie	Diana Station, 2 m. S.E.
126..Crystal Lake....	Redwood...3 m. S.E.	15..Sterling	Diana Station, 2½ m. N.E.
127..Cooper Home....	Redwood...3 m. S.		
128..Theresa Village.	Theresa.	TOWN OF GREIG.	
129..Brooklyn	Theresa.	16..Independence ...	Glendale..3 m. N.E.
140..J. P. Douglass..	Theresa Junction, 2 m. S.W.	17..Spring Brook...	Lyons Falls, 3 m. N.E.
141..Howland	Theresa Junction, 2 m. S.		
142..Poole	Theresa...3 m. N.E.	TOWN OF HARRISBURGH.	
143..Bickelhaupt's C.	Redwood...2 m. E.	18..Lanpher	Harrisburgh, ¾ m. N.W.
144..Bickelhaupt's C. No. 4.....	Redwood, 3½ m. N.E.	19..New Columbia..	Harrisburgh.
145..Bickelhaupt's C. No. 6.....	Redwood...4 m. E.	20..New Model.....	Harrisburgh.3 m. W.
146..Bickelhaupt's C. No. 5.....	Redwood...4½ m. E.	21..River Street....	Harrisburgh, 5 m. N.W.
147..Still	Theresa...2½ m. W.	22..South Harris- burgh	South Harrisburgh.
TOWN OF WATERTOWN.		23..Valley Dale.....	South Harrisburgh, 4 m. W.
122..East Ball.....	Watertown.4 m. S.E.	24..West Harris- burgh	South Harrisburgh, 2 m. W.
123..Watertown Val- ley	Rices.....5 m. E.		
124..Ayers	Rices.	TOWN OF HIGH MARKET.	
TOWN OF WILNA.		25..Alpine	High Market, 1½ m. W.
70..Drill Well.....	Sterlingville, 2 m. S.E.	26..Auken	High Market, 2 m. S.W.
71..Indian River....	Sterlingville, 4 m. S.E.	27..Dairy Hill.....	High Market, 2 m. S.W.
72..Trout Brook....	North Croghan, 4 m. N.W.	28..Fish Creek.....	High Market, 4 m. S.W.
73..Natural Bridge.	Natural Bridge, 2 m. S.W.	29..Legal Tender...	High Market,
74..Devois Corners..	North Croghan, 2 m. S.W.	30..Plummer	High Market, 2 m. S.
75..Wilna Centre....	North Croghan, 5 m. W.	31..West Leyden...	High Market, ¾ m. S.W.
		TOWN OF LEWIS.	
		31..Sins & Bierley..	Leyden.....3 m. W.
		TOWN OF LEYDEN.	
		32..Cloverdale	Leyden...2 m. N.W.
		33..Leyden Cheese Association ...	Leyden....2½ m. W.

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF LEYDEN—(Con'd).		TOWN OF WEST TURIN.	
34..Meadow Brook....	Leyden... $\frac{3}{4}$ m. W.	75..Grass Valley....	Lyons Falls.
35..Silver Spring....	Leyden... $\frac{1}{2}$ m. S.W.	76..A. Katzmayer....	Leyden... $\frac{1}{2}$ m. W.
36..Spring Hill.....	Port Leyden.	77..Kollinsville	Lyons Falls, $\frac{1}{2}$ m. S.
37..Malcomb	Port Leyden, 2 m. S.W.	78..Miller	Port Leyden, $\frac{1}{2}$ m. W.
TOWN OF LOWVILLE.		79..Mohawk Hill....	Port Leyden, $\frac{1}{2}$ m. S.W.
38..Lowville	Lowville.	80..Regetz	Leyden... $\frac{6}{8}$ m. N.W.
39..High Market....	Lowville... $\frac{3}{4}$ m. W.	LIVINGSTON COUNTY.	
40..Sharp	Lowville... $\frac{2}{4}$ m. N.	TOWN OF AVON.	
41..Sulphur Spring..	Lowville...4 m. N.W.	7..Ashantee	Avon $\frac{1}{2}$ m.
42..Searl's No. 1....	Lowville...4 $\frac{1}{2}$ m. N.W.	TOWN OF GENESEO.	
43..Eagle	Lowville...4 $\frac{1}{2}$ m. W.	6..Geneseo	Geneseo.
TOWN OF MARTINSBURGH.		TOWN OF MOUNT MORRIS.	
44..Black River Val- ley	Martinsburgh.	4..Tuscarora	Tuscarora.
45..Boston Brand....	Lowville...7 m. W.	TOWN OF NUNDA.	
46..Gilt Edge.....	Martinsburgh, 4 m. W.	2..Nunda	Nunda.
47..Glendale	Glendale...2 $\frac{1}{2}$ m. N.W.	TOWN OF PORTAGE.	
48..Gowdy	Martinsburgh, 3 m. N.W.	1..Keshequa	Dalton.
49..Maple Ridge....	Martinsburgh, 4 $\frac{1}{2}$ m. S.W.	2..Hunts	Hunts.
50..Leonard	Martinsburgh, 5 m. W.	TOWN OF SPARTA.	
51..Martinsburgh ..	Martinsburgh, 2 $\frac{1}{2}$ m. S.W.	5..Elgin Butter Co.|	Scottsburgh.
52..Mud Lake.....	Glendale...3 m. W.	MADISON COUNTY.	
53..Noble	Martinsburgh, 3 m. W.	TOWN OF BROOKFIELD.	
54..Searl's No. 2...	Martinsburgh, 1 $\frac{1}{2}$ m. W.	1..Baldwin	Brookfield, $\frac{3}{4}$ m. N.E.
55..Staring	Martinsburgh, 5 m. S.W.	2..Beaver Creek...	Brookfield, 4 m. N.
56..Valley Spring...	Martinsburgh, 2 $\frac{1}{2}$ m. N.W.	3..Blanding	Brookfield, $\frac{3}{4}$ m. W.
TOWN OF MONTAGUE.		4..Larkin	E. Hamilton...1 m. E.
57..Rector	Montague.	5..Leonardsville ..	Leonardsville.
58..Forks	Montague.	6..Marsh	Brookfield, 5 m. S.W.
TOWN OF NEW BREMEN.		7..Mott	Leonardsville.
59..Beach Hill.....	Lowville, 7 $\frac{1}{2}$ m. N.E.	8..North Brookfield	North Brookfield.
60..Clover Valley...	Lowville...3 $\frac{1}{2}$ m. N.	9..River Forks....	Leonardsville, 3 m. N.
61..Cold Spring....	Lowville...9 m. N.E.	10..South Brookfield	South Brookfield.
62..Farmers' Choice	Lowville, 4 $\frac{1}{2}$ m. N.E.	11..Temple	North Brookfield.
63..Kirchnerville ...	Lowville...12 m. N.E.	12..Union	North Brookfield, 4 m. S.E.
TOWN OF OSCEOLA.		TOWN OF CAZENOVIA.	
64..Croniser	Osceola...1 m. S.E.	13..Balina	Webster Station.
65..F. N. Christien.	Osceola...3 m. N.	14..Webster Station.	Webster Station.
TOWN OF PINCKNEY.		15..Brooklyn	Cazenovia.
66..Barnes Corners.	Barnes Corners.	16..Lakeland	Cazenovia, 1 $\frac{1}{2}$ m. N.W.
67..New Boston....	Barnes Corners.	17..New Woodstock.	New Woodstock.
68..Pinckney Corn- ers	Barnes Corners, 4 m. N.E.	18..North Cazenovia	Cazenovia...4 m. N.
69..Union	Barnes Corners, 5 m. N.	TOWN OF DE RUYTER.	
TOWN OF TURIN.		19..Shed's Corners..	Sheds.
70..Carpenter	Glendale...1 $\frac{1}{2}$ m. W.	20..Reservoir	De Ruyter...2 m. N.
71..Houseville	Glendale...1 m. S.W.	21..Quaker Basin...	De Ruyter...3 m. S.E.
72..Petrie	Lyons Falls, 2 $\frac{1}{2}$ m. N.W.	22..De Ruyter.....	De Ruyter.
73..Welsh Hill.....	Glendale...2 $\frac{1}{2}$ m. S.W.	TOWN OF EATON.	
TOWN OF WATSON.		23..Bradley Brook...	Eaton...3 m. W.
74..Cedar Spring....	Martinsburgh, 3 m. N.E.	24..Eaton	Eaton.
		25..Morrisville Creamery	Morrisville.
		26..Morrisville	Morrisville Station.
		27..Pratts	Pratts.

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF GEORGETOWN.		MONTGOMERY COUNTY.	
23..Brown's Valley..	Georgetown.. $\frac{1}{2}$ m. S.	TOWN OF AMSTERDAM.	
29..Stevens	Georgetown.	34..Mohawk Valley..	Amsterdam.
TOWN OF HAMILTON.		TOWN OF CANAJOHARIE.	
30..Cold Spring.....	East Hamilton.	1..Cana Joharie	Cana Joharie.
31..Hamilton	Hamilton.	2..Ames	Ames.
32..Hubbardsville	Hubbardsville.	3..Dunkel	Buell..... $\frac{1}{2}$ m. N.
33..Poolville Cheese Factory	Poolville.	4..Buell	Buell.
34..Poolville	Poolville.	5..Bowman's Creek	Marshville.
35..South Hamilton..	South Hamilton.	6..Waterville	Ames..... $\frac{1}{2}$ m. N.
TOWN OF LEBANON.		TOWN OF FLORIDA.	
36..Lebanon	Lebanon.	7..Minaville	Minaville.
37..Randallsville ...	Randallsville.	TOWN OF GLEN.	
TOWN OF LENOX.		35..Starling	Fultonville... $\frac{1}{2}$ m. S.
38..Bender	Canastota. $\frac{3}{4}$ m. N.W.	36..Glen	Glen.
39..Dan Ladd's	Canastota. $\frac{1}{2}$ m. W.	37..Glen Creamery Station	Mill Point.
40..Oneida Valley...	Oneida Valley.	38..Maple Grove...	Glen.
41..Whitelaw	Whitelaw.	TOWN OF MINDEN.	
TOWN OF LINCOLN.		8..Fort Plain.....	Fort Plain.
42..Crystal Spring..	Alene.	9..Brookmans Corners	Rex.
43..Lenox Mills.....	Lenox.	10..Sprout Brook...	Sprout Brook.
TOWN OF MADISON.		11..Van Deusen	Frays Bush. $\frac{1}{2}$ m. N.
44..Bouckville	Bouckville.	12..Hallsville	Hallsville.
45..Madison Centre..	Madison..... $\frac{1}{2}$ m. S.	13..Fort Willett....	Fort Plain. $\frac{1}{2}$ m. W.
46..Solsville	Solsville.	14..Valley	Salt Springville.
TOWN OF NELSON.		15..Zoller	Mindenville. $\frac{1}{2}$ m. W.
47..Erieville Cream- ery	Erieville.	TOWN OF MOHAWK.	
48..Erieville	Erieville.	16..Mohawk	Fonda..... $\frac{1}{2}$ m. W.
49..Nelson Flats	Nelson.	17..Nellis	Fonda..... $\frac{1}{2}$ m. N.W.
50..Paramount	Nelson..... $\frac{1}{2}$ m. S.E.	18..Empire	Fonda..... $\frac{1}{2}$ m. N.
TOWN OF SMITHFIELD.		19..Cayadutta	Fonda..... $\frac{1}{2}$ m. N.
51..Hollenbeck	Peterboro.. $\frac{1}{2}$ m. N.	20..Tribes Hill.....	Tribes Hill.. $\frac{1}{2}$ m. W.
52..Peterboro	Peterboro.	TOWN OF PALATINE.	
53..Pleasant Valley ..	Peterboro.. $\frac{1}{2}$ m. S.W.	21..Doxstader	Palatine..... $\frac{1}{2}$ m. E.
54..Siloam	Siloam.	22..Nellis	Stone Arabia, $\frac{1}{2}$ m. N.
TOWN OF STOCKBRIDGE.		23..Palatine Union..	McKinley.
55..LaMunion & Clark	Munnsville. $\frac{1}{2}$ m. S.E.	24..Getman	Stone Arabia, $\frac{1}{2}$ m. E.
56..Munnsville	Munnsville.. $\frac{1}{2}$ m. E.	25..Stone Arabia....	Ephratah.. $\frac{1}{2}$ m. S.
57..Stockbridge	Stockbridge.	26..Slate Hill.....	Ephratah.. $\frac{1}{2}$ m. S.
58..Valley Mills....	Valley Mills.	27..Willow Creek...	Ephratah.. $\frac{1}{2}$ m. E.
59..Woods	Munnsville.. $\frac{1}{2}$ m. E.	28..Smith Creek....	Fort Plain, $\frac{1}{2}$ m. N.W.
TOWN OF SULLIVAN.		TOWN OF ROOT.	
60..Bridgeport	Bridgeport.	29..Root	Rural Grove.
61..Excelsior	Chittenango, $\frac{1}{2}$ m. W.	30..Flat Creek.....	Flat Creek.
62..Lakewood	Bridgeport. $\frac{1}{2}$ m. N.E.	31..Sprakers	Sprakers.
63..Maple Grove	Lakeport.. $\frac{1}{2}$ m. E.	32..Lyker's	Rural Grove, $\frac{1}{2}$ m. S.E.
64..Perryville	Perryville.. $\frac{1}{2}$ m. W.	TOWN OF ST. JOHNSVILLE.	
65..West Hill.....	Chittenango, $\frac{1}{2}$ m. S.W.	33..St. Johnsville...	St. Johnsville.
66..Gates	Chittenango, $\frac{1}{2}$ m. S.W.	NASSAU COUNTY.	
MONROE COUNTY.		TOWN OF OYSTER BAY.	
TOWN OF CLARKSON.		1..Long Island Co- operative Creamery Co..	Hicksville.
4..Ridge Road.....	Clarkson.	NIAGARA COUNTY.	
TOWN OF MENDON.		TOWN OF LOCKPORT.	
2..Honeoye Falls..	Honeoye Falls.	5..Rapids	Lockport... $\frac{1}{2}$ m. S.
3..Mendon	Honeoye Falls, $\frac{1}{2}$ m. N.E.	TOWN OF PENDLETON.	
TOWN OF PARMA.		1..Wendellville	Pendleton Centre, $\frac{1}{2}$ m. S.W.
1..Hilton	Hilton.	TOWN OF PORTER.	
		4..Ransomville	Ransomville.

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF SOMERSET.		TOWN OF LEE.	
3..Hess Road.....	Lockport..13 m. N.E.	47..Saulspaugh	Lee.
TOWN OF WILSON.		48..Lee Centre.....	Lee.
2..Wilson	Lockport....15 m. N.	49..Point Rock.....	Point Rock.
ONEIDA COUNTY.		50..West Branch.....	West Branch.
TOWN OF ANNSVILLE.		51..Delta	Delta..... $\frac{1}{2}$ m. S.
1..Cole Hill.....	Taberg.....3 m. N.	52..Krebs	Lee Centre...3 m. S.
2..Greggains	Glenmore...	53..Holsinger	Lee Centre... $\frac{1}{2}$ m. N.
3..Johnson	Glenmore...2 m. N.	54..Hasselbeck	Lee Centre...2 m. W.
4..John Finn.....	Pt. Rock. 4 m. N.W.	55..Brown's	West Branch, 1 m. N.
5..Taberg	Taberg.	56..Brookfield	Lee Centre...2 $\frac{1}{2}$ m. W.
6..Taberg Limburg.	Taberg.....3 m. W.	57..Sand Hill.....	Lee Centre...2 $\frac{1}{2}$ m. N.
7..Fred Sours.....	Pt. Rock. 2 m. S.W.	58..Cornish	Delta..... $\frac{1}{2}$ m. N.
TOWN OF AUGUSTA.		59..Hasselbeck No. 2	Lee Centre, 2 m. N.W.
14..Augusta Valley..	Augusta Centre.	60..Augen	Lee Centre...2 m. N.
15..Knoxboro	Knoxboro.	61..Walters	Point Rock.
TOWN OF AVA.		TOWN OF MARCY.	
8..Castle	Ava..... $\frac{1}{2}$ m. N.	62..McFarlan	Oriskany...1 m. N.
9..Karlen's	Ava..... $\frac{1}{2}$ m. N.	63..Stittville	Stittville.
10..West Ava	Ava.....2 m. W.	64..Marcy	Marcy Station.
11..Alex. B. Karlen.	Boonville...3 m. W.	TOWN OF NEW HARTFORD.	
12..Blue Brook.....	Ava..... $\frac{1}{2}$ m. E.	67..Cold Spring.....	N. Y. Mills..1 m. W.
13..Rahsure	Ava.....3 m. E.	68..Mallory	Washington Mills.
TOWN OF BOONVILLE.		TOWN OF PARIS.	
16..Spring Brook...	Boonville...4 m. S.	65..Kings	Norwich Corners.
17..Willow Valley..	Boonville...6 m. S.	TOWN OF REMSEN.	
18..Union	Boonville.1 m. S.W.	69..Remsen	Remsen... $\frac{1}{2}$ m. N.E.
19..Jackson	Boonville...4 $\frac{1}{2}$ m. S.	70..Conway's	Remsen.....2 $\frac{1}{2}$ m. E.
20..Karlen	Boonville.	71..Mitchell Union..	Remsen...5 m. N.E.
21..Sweet Violet...	Boonville.1 $\frac{1}{2}$ m. N.W.	72..Kent	Remsen.....7 m. N.
22..Jackson Hill...	Boonville...4 $\frac{1}{2}$ m. S.	TOWN OF ROME.	
23..Blum	Boonville.2 $\frac{1}{2}$ m. S.W.	73..Rome Ass'n.....	Ridge Mills. 2 m. N.
24..Thos. Williams.	Boonville...5 m. S.E.	74..Ridge Mills.....	Ridge Mills, $\frac{1}{2}$ m. N.E.
25..John Farley...	Boonville...3 m. S.E.	75..Hatch's Corners	Rome...3 $\frac{1}{2}$ m. S.W.
TOWN OF BRIDGEWATER.		76..Brodocs	New London.2 m. N.
26..Bridgewater	Bridgewater.	77..Armstrongs	Rome.....4 $\frac{1}{2}$ m. W.
27..Eldred	Bridgewater.	TOWN OF SANGERFIELD.	
TOWN OF CAMDEN.		66..Kellogg	Sangerfield Centre, $\frac{1}{2}$ m. E.
28..Baker	Camden.	122..Sangerfield	Sangerfield Centre.
29..Hillside	Camden. 4 m. N.W.	TOWN OF STEUBEN.	
30..West Camden...	W. Camden.	78..North Steuben..	North Steuben.
TOWN OF DEERFIELD.		79..Steuben Ass'n...	Steuben Corners.
31..West Canada	Poland...2 m. S.W.	80..Steuben Centre..	Steuben Corners, 3 m. N.
Creek		81..Thomas	Alder Creek, $\frac{1}{2}$ m. S.W.
32..North Gage.....	North Gage.	82..Star Hill.....	Remsen...2 $\frac{1}{2}$ m. N.W.
33..Maple Grove...	North Gage..2 m. N.	TOWN OF TRENTON.	
34..Donnafield	So. Trenton..6 m. S.	83..Holland Patent..	Holland Patent.
35..Wilkinson & Gaddis	So. Trenton..2 m. S.	84..Home	Holland Patent, $\frac{1}{2}$ m. S.E.
TOWN OF FLORENCE.		85..Kelley Tract....	Holland Patent, 3 $\frac{1}{2}$ m. S.E.
36..A. Chrestien....	Florence... $\frac{1}{2}$ m. W.	86..South Trenton..	South Trenton.
37..Corinth	Florence...4 m. S.	87..Willow Grove...	Trenton...2 $\frac{1}{2}$ m. S.E.
38..Hennessy	E. Florence..1 m. N.	88..Trenton	Trenton.
39..Florence Village	Florence.	89..Steuben Valley..	Trenton...3 m. N.W.
40..Miller Branch...	Florence...4 m. E.	90..North Trenton..	Remsen..... $\frac{1}{2}$ m. S.
TOWN OF FLOYD.		91..Prospect	Prospect.
41..Floyd Corners..	Floyd Corners.	TOWN OF VERNON.	
42..Floyd Hill.....	Holland Patent, 2 $\frac{1}{2}$ m. N.W.	92..Blanchard	Vernon.....3 m. E.
43..Thomas	Floyd Corners, 4 m. N.	93..Merry	Vernon Station... $\frac{1}{2}$ m.
44..Crill	Holland Patent, 2 $\frac{1}{2}$ m. N.		
TOWN OF KIRKLAND.			
45..Kirkland	Kirkland.		
46..Chuckery	Chuckery.		

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF VERONA.		TOWN OF MANLIUS.	
94..Senn	New London... $\frac{1}{2}$ m. N.	14..North Manlius..|North Manlius.	
95..Breckenbridge ..	Higginsville.	15..Staring	Kirkville... $\frac{1}{2}$ m. S.
96..Golly	Verona Village, $\frac{1}{2}$ m. E.	16..Fayetteville	Fayetteville... $\frac{1}{2}$ m. E.
97..Dockstader	Higginsville, $\frac{1}{2}$ m. N.E.	TOWN OF POMPEY.	
98..Rathbun	Rathbunville.	17..Pompey Centre..|Pompey Centre.	
TOWN OF VIENNA.		18..Oran	Oran.
99..West Vienna....	West Vienna.	22..Delphi	Delphi... $\frac{1}{2}$ m. W.
100..Queen of Vienna	Vienna.	TOWN OF SALINA.	
101..Blossvale	Blossvale.	20..Onondaga Co.|Milk Ass'n....	Syracuse.
102..North Bay	North Bay.	28..Syracuse Co-operative Ass'n	Syracuse.
TOWN OF WESTERN.		TOWN OF SPAFFORD.	
113..Walsworth	Delta.....1 m. S.E.	19..Borodino	Borodino.
114..Westernville ...	Westernville.	TOWN OF TULLY.	
115..Porter	North Western, 1 m. E.	21..Tully	Tully.
116..Hillside		22..Tully Cheese Factory	Tully.
117..F. T. Teuscher..	North Western, 1 m. N.E.	ONTARIO COUNTY.	
118..Quaker Hill....	Delta.....4 m. N.	TOWN OF MANCHESTER.	
119..Mullinville	Westernville...3 m. N.	1..Crystal Spring..|Point Gibson.	
120..Webster Hill....	Westernville, 7 m. N.W.	3..Sanatarian	Clifton Springs, 2 m. N.W.
121..South Western..	Westernville, 4 m. S.E.	TOWN OF NAPLES.	
122..Sporie	Big Brook.	2..Naples	Naples.
TOWN OF WESTMORELAND.		TOWN OF RICHMOND.	
103..Westmoreland ..	Hecla.	5..Honeoye	Honeoye.
104..Lowell	Lowell.	TOWN OF SENECA.	
105..Matt Bros.....	Dix.	4..Stanley	Stanley.
106..Storey Bros.....	Westmoreland, 2 m. N.	ORANGE COUNTY.	
107..Karlen	Bartlett.	TOWN OF BLOOMINGROVE.	
108..Barrow's	Bartlett... $\frac{1}{2}$ m. W.	3..Barton Spring..|Monroe.	
TOWN OF WHITESTOWN.		TOWN OF CHESTER.	
109..Coleman's Mills.	Coleman's Mills.	1..Lawrence & Sons|Chester.	
110..Oriskany	Oriskany... $\frac{1}{2}$ m. W.	TOWN OF MONROE.	
111..Union	Oriskany...2 m. W.	2..Monroe Cheese Co.	Monroe.
112..Stephens	Whitesboro.	ORLEANS COUNTY.	
ONONDAGA COUNTY.		TOWN OF CLARENDON.	
TOWN OF CAMILLUS.		1..Clarendon	Holley...3 m. S.W.
25..Marcellus	Marcellus.	TOWN OF CARLETON.	
TOWN OF CICERO.		5..Kent	Kent.
1..Brewerton	Brewerton... $\frac{1}{2}$ m. S.	TOWN OF KENDALL.	
2..Cicero	Cicero.	2..West Kendall...|Holley...10 m. N.	
3..Cicero Centre....	Cicero Centre.	3..Morton	Holley...12 m. N.
4..Loomis	Cicero... $\frac{1}{2}$ m. N.W.	TOWN OF MURRAY.	
TOWN OF CLAY.		4..Murray	Holley...4 $\frac{1}{2}$ m. N.W.
5..Clay Centre.....	Euclid.	6..Holley	Holley.
TOWN OF DEWITT.		OSWEGO COUNTY.	
6..Jamesville	Jamesville.	TOWN OF ALBION.	
TOWN OF ELBRIDGE.		59..Henderson	Altmar.
7..Elbridge	Elbridge... $\frac{1}{2}$ m. E.	60..Reno	Altmar...3 m. S.W.
24..Jordan	Jordan.	61..Howardville ...	Altmar...5 m. S.
TOWN OF FABIUS.		62..Dugway	Dugway... $\frac{1}{2}$ m. S.W.
8..Apulia	Summit Station.	TOWN OF AMBOY.	
9..Fabius	Fabius.	56..West Amboy....	Parish...8 m. E.
TOWN OF LAFAYETTE.		57..Amboy Centre..	Parish...10 m. E.
10..Onativa	Onativa Station.	58..Cold Brook.....	W. Amboy Cent., 3 $\frac{1}{2}$ m. S.W.
TOWN OF LYSANDER.			
11..Baldwinsville ..	Baldwinsville.		
12..Riverside	Belgium.		
13..Springdale	Lysander.		

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF CONSTANTIA.		TOWN OF SCRIBA.	
37..Constantia	Constantia.	11..Donnelly	Lycoming.... $\frac{1}{2}$ m. S.
TOWN OF GRANBY.		12..North Road.....	Oswego.... $\frac{1}{4}$ m. E.
23..Granby Centre..	Fulton..... $\frac{3}{4}$ m. W.	13..East Scriba.....	Lycoming.... $\frac{3}{4}$ m. S.
33..Wilcox	Fulton..... $\frac{3}{4}$ m. S.	TOWN OF VOLNEY.	
TOWN OF HANNIBAL.		26..Volney Centre....	Fulton.... $\frac{1}{4}$ m. N.E.
40..Hannibal	Hannibal.	27..Battle Island....	Fulton.... $\frac{3}{4}$ m. N.W.
41..South Hannibal.	Hannibal. $\frac{1}{4}$ m. S.E.	28..Mt. Pleasant....	Fulton.... $\frac{1}{2}$ m. N.
TOWN OF HASTINGS.		29..Druse	Fulton.... $\frac{1}{2}$ m. N.E.
20..Hastings	Hastings.	30..W. W. Loomis..	Fulton..... $\frac{3}{4}$ m. E.
21..Mallory	Mallory.	TOWN OF WEST MONROE.	
22..Central Square..	Central Square.	35..West Monroe....	W. Monroe.
23..Caughdenoy	Caughdenoy.. $\frac{1}{2}$ m. N.	36..Potter	W. Monroe.. $\frac{1}{4}$ m. N.
TOWN OF MEXICO.		TOWN OF WILLIAMSTOWN.	
1..Stone Quarry....	Mexico.... $\frac{1}{4}$ m. N.	52..Williamstown ..	Williamstown.
2..Dewey	Mexico.... $\frac{1}{2}$ m. N.E.	53..Ricard	Williamstown.
3..Prattham	Mexico.... $\frac{1}{2}$ m. E.		6 m. N.E.
4..Union Square....	Union Square, 1 m. N.	OTSEGO COUNTY.	
5..Empire	Mexico.... $\frac{3}{4}$ m. S.W.	TOWN OF BURLINGTON.	
6..Farmers	Mexico.... $\frac{1}{2}$ m. S.W.	31..Holdredge	W. Burlington, 2 m. S.
7..Colosse	Mexico.... $\frac{1}{4}$ m. S.E.	32..Star	W. Burlington.
64..Rosemary No. 2.	Mexico.	33..Heustis	Burlington Flats, 1 m. N.E.
TOWN OF NEW HAVEN.		34..Johnson	Burlington Flats, $\frac{1}{2}$ m. N.
8..Butterfly	Mexico.... $\frac{3}{4}$ m. S.W.	40..Pashley	Burlington.. $\frac{3}{4}$ m. S.
9..G. B. Porter	New Haven.. $\frac{1}{2}$ m. S.	42..Parks	Burlington.
10..New Haven.....	New Haven, 1 m. N.W.	TOWN OF BUTTERNUTS.	
TOWN OF ORWELL.		14..C. S. Niles.....	Maple Grove.. $\frac{1}{2}$ m. S.
46..McKinney	Richland.... $\frac{1}{2}$ m. E.	15..Freer & Gilbert	Gilberts Mills.
47..Olmstead	Richland.... $\frac{1}{4}$ m. E.	16..Hicks	Gilbertsville.. $\frac{3}{4}$ m.W.
48..Stevens	Orwell.... $\frac{1}{2}$ m. N.	17..Jackson	Gilbertsville, 3 m. N.W.
49..Molino	Orwell.... $\frac{3}{4}$ m. S.E.	18..Shamrock	Gilbertsville, $\frac{1}{2}$ m. E.
65..Orwell Elgin..	Richland.... $\frac{1}{4}$ m. E.	21..Hicks	Gilbertsville.. $\frac{1}{2}$ m. W.
TOWN OF OSWEGO.		TOWN OF DECATUR.	
63..S. W. Oswego....	Oswego.... $\frac{1}{2}$ m. S.W.	32..C. P. Root's.....	Clarksville.. $\frac{3}{4}$ m. E.
TOWN OF PALERMO.		TOWN OF EDMESTON.	
24..Palermo	Mexico.... $\frac{1}{2}$ m. S.	35..Wright's	Edmeston.. $\frac{1}{2}$ m. N.W.
25..Peets Corners..	Mexico.... $\frac{1}{2}$ m. S.E.	36..Brockway's	Edmeston.
TOWN OF PARISH.		37..Wright's	W. Edmeston, $\frac{1}{2}$ m. N.E.
54..Parish	Parish.	38..Empire	South Edmeston.
55..Parish Centre..	Parish.... $\frac{3}{4}$ m. E.	39..Brockway's	Edmeston.. $\frac{1}{2}$ m. N.E.
TOWN OF REDFIELD.		TOWN OF EXETER.	
50..Redfield	Williamstown, 9 m. N.E.	54..J. J. Rider	Schuyler's Lake.
51..Cold Spring....	Redfield.. $\frac{3}{4}$ m. S.E.	55..Brockway's	Exeter.
TOWN OF RICHLAND.		56..Niles	Schuyler's Lake, $\frac{3}{4}$ m. W.
14..Castor No. 1....	Pulaski.... $\frac{1}{2}$ m. S.	57..J. J. Rider's ..	Schuyler's Lake, $\frac{1}{2}$ m. N.W.
15..Castor No. 2....	Fernwood.. $\frac{1}{2}$ m. E.	Home	Exeter Hollow.
16..Castor No. 3....	Daysville.. $\frac{1}{2}$ m. S.	63..Brockway's	Exeter Hollow.
17..Holmes	Pulaski.	64..Brockway's	West Winfield, 7 m. S.E.
18..Miller	Daysville.. $\frac{1}{2}$ m. N.W.	TOWN OF HARTWICK.	
19..Edward Brown..	Pulaski.... $\frac{1}{2}$ m. W.	45..White House....	Hartwick.... $\frac{1}{2}$ m. N.
TOWN OF SANDY CREEK.		46..Hartwick	Hartwick.
42..Sallsbury	Pulaski.... $\frac{1}{2}$ m. N.	47..C. P. Root's....	South Hartwick.
43..Ingersoll	Lacona.... $\frac{1}{2}$ m. S.	48..C. P. Root's....	Hartwick Seminary.
44..Finster	Lacona.	TOWN OF LAURENS.	
45..Sandy Creek B. & C. Co.....	Sandy Creek. $\frac{1}{2}$ m. N.	12..C. P. Root's....	Laurens.... $\frac{1}{2}$ m. N.
TOWN OF SCHROEPPEL.		13..C. P. Root's....	W. Laurens.
31..Gilberts Mills..	Fulton.... $\frac{1}{2}$ m. E.	TOWN OF MARYLAND.	
32..Pennellville ..	Pennellville.	79..C. L. Murphy...	Elk Creek.
33..Hinmansville ..	Pheonix.... $\frac{3}{4}$ m. W.		
34..Pheonix	Pheonix.		

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF MIDDLEFIELD.		TOWN OF UNADILLA.	
73..Stanley	Cherry Valley, 6 m. W.	1..Canfield	Unadilla.
74..Hubbell Hollow.	Cooperstown. 9 m. E.	2..York & Brown.	Unadilla Centre.
75..Lentsville	Cooperstown. 6 m. E.	3..York & Brown.	Unadilla. 3½ m. N.W.
76..O'Connell	Middlefield. 2 m. N.E.	4..Metropolitan ...	Wells Bridge.
77..Middlefield	Clarksville.	TOWN OF WESTFORD.	
TOWN OF MILFORD.		78..McRorie	Worcester. 7 m. N.
49..R. G. Peet's....	Milford Centre.	TOWN OF WORCESTER.	
50..C. S. Barney....	Milford.	80..Root's	Worcester.
TOWN OF MORRIS.		RENSSELAER COUNTY.	
19..Root's Filer....	Morris. 2½ m. S.	TOWN OF HOOSICK.	
20..Hunt's	Morris. ¼ m. S.	2..Buskirk's	Buskirk.
22..Phillips & Nichols	Morris.	TOWN OF SCHAGHTICOKE.	
23..Root's Dimmick Hollow	Morris. 3 m. W.	1..Schaghticoke ...	Schaghticoke.
TOWN OF NEW LISBON.		ST. LAWRENCE COUNTY.	
24..Root's	Noblesville.	TOWN OF BRASURE.	
25..R. G. Peet's....	Laurens. 4 m. N.	75..Bell Bros.	Brasure Falls, 2 m. N.
26..Gregory	Lena. 2 m. W.	76..Excelsior	Helena.
27..Fall Brook	Mt. Vision. 2 m. N.W.	77..Hall & Langtry.	Helena. 1 m. N.
28..Lena	Lena.	TOWN OF CANTON.	
29..Gregory's	Welcome. 1 m. N.E.	78..Apple Grove....	Canton. 2½ m. N.
30..Garrattsville ...	Garrattsville.	79..Canton Village..	Canton.
TOWN OF ONEONTA.		80..Crescent	Canton. 4 m. S.E.
10..Taber's	Oneonta Plains.	81..East Canton	Canton. 3 m. N.E.
11..Wilber's	Oneonta. 3 m. N.	82..Highland	Canton. 2 m. S.
TOWN OF OTEGO.		83..Jerusalem	Canton. 5 m. S.
5..Taber	Otego. 3 m. W.	84..Langdon Spring.	Canton. 3½ m. S.E.
6..Vanamee	Otego.	85..Rensselaer Falls	Rensselaer Falls, 1½ m. N.
7..Root's Flax Is- land	Otego. 3½ m. N.E.	86..Settlement	High Falls. 3 m. W.
8..Rowe Bros.	Otsdawa.	87..South Canton ..	High Falls, 2½ m. N.E.
9..Cold Spring....	Otego. 6 m. W.	88..Barnes	Canton. 1½ m. S.E.
TOWN OF OTSEGO.		TOWN OF COLTON.	
41..Kinney	Snowdon.	89..South Colton....	South Colton. 1 m. S.
43..Wileytown	Fly Creek. 4 m. N.	90..Colton Village..	South Colton.
44..Sponenbergh's ..	Fly Creek. 3 m. W.	TOWN OF DE KALB.	
51..Oakville	Oakville.	37..Richie	Richville. 2 m. N.
52..Taylor's Cors....	Oakville. 2½ m. N.E.	38..Richville	Richville.
53..Dutch	Fly Creek. 3 m. N.	39..Brees	De Kalb Junction, 2 m. W.
TOWN OF PLAINFIELD.		40..Cow Path	De Kalb Junction, 2 m. S.E.
65..E. W. Wright's.	Leonardsville, 4 m. E.	41..Osborn Lake....	Richville. 6 m. N.W.
66..E. W. Wright's.	River Forks, 5 m. N.E.	42..East De Kalb..	De Kalb Junction, 2½ m. N.
67..E. W. Wright's.	Leonardsville, 4 m. E.	43..Howard	Rensselaer Falls, 2½ m. S.W.
68..Lloydsville	Unadilla Forks.	44..Maplewood	De Kalb Junction, 3 m. W.
69..Brockway	West Winfield, 3 m. S.W.	45..Cheshire	Rensselaer Falls, 2½ m. S.
TOWN OF RICHFIELD.		46..River Road	Richville. 4 m. N.
58..Brockway's	Richfield Springs.	47..Schofield	De Kalb Junction, 2 m. N.W.
59..Brockway's	Richfield Springs, 3 m. S.	TOWN OF DEPEYSTER.	
60..Brockway's	Richfield Springs, 5 m. S.	48..De Peyster	De Peyster.
61..Brockway's	Richfield Springs, 6 m. E.	49..Royal	De Peyster. 2 m. W.
62..Brockway's	Richfield Springs, 7 m. S.W.	50..Fish Creek	Heuvelton. 1½ m. S.
TOWN OF ROSEBOOM.		51..	De Peyster. 3 m. S.
81..J. H. Harrison.	Roseboom.	52..Lake View	De Peyster, 5 m. S.W.
TOWN OF SPRINGFIELD.		TOWN OF EDWARDS.	
70..Brockway's	Springfield, 6 m. N.E.	160..South Edwards.	Edwards. 2½ m. S.E.
71..Springfield	Springfield.	161..Edwards Village	Edwards.
72..C. C. Brownrigg	East Springfield.	162..Bellville	Edwards. 5 m. N.E.
		163..Pleasant Valley.	Tateville. 2 m. S.

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF FINE.		TOWN OF LOUISVILLE.	
13..White Clover....	Fine.....3½ m. N.	122..Willson	Waddington..7 m.E.
TOWN OF FOWLER.		123..Chase's Mills...	Waddington, 4 m. S.E.
19..Fowler	Hallesboro.3 m. S.E.	124..Hyde	Massena Springs, 5 m. N.W.
20..Hallesboro	Hallesboro.	125..Hyde	Massena Springs, 3½ m. N.W.
21..West Fowler....	West Fowler.	TOWN OF MACOMB.	
22..Island Branch..	Hallesboro, 4 m. S. W.	32..Brasie Corners..	Brasie Corners, 2 m. S.E.
	3 m. N.E.	33..Clover Hill.....	Popes Mills.
TOWN OF GOUVERNEUR.		34..Cold Spring.....	Macomb.....2 m. S
23..Gouverneur Vil-	Gouverneur.3 m.N.E.	35..Hickory Lake....	Macomb.....2 m. N.
lage		36..Ruby	Brasie, Corners, 1 m. E.
24..Cream of the	Richville.....7 m. W.	TOWN OF MADRID.	
Valley		108..Madrid System..	Madrid.
25..Crystal Spring..	Gouverneur, 3 m. N.W.	109..Fisher Bros....	Madrid.....3 m. N.
26..E. Gouverneur..	Richville.....2½ m. S.	110..Chamberlain	
27..Elmdale	Gouverneur, 4 m. N.W.	111..Scotch Church..	Madrid.....4 m. N.
28..Little Bow.....	Gouverneur.3 m. N.		Madrid.....4 m. N.E.
29..Johnstown St..	Gouverneur, 2½ m. W.	TOWN OF MASSENA.	
30..South Gouver-	Gouverneur, 2½ m. S.W.	126..Town Line.....	Massena Springs, 1 m. N.
neur		127..Onyx	Massena Springs, 3½ m. N.E.
31..Rock Island....	Richville.3½ m. S.W.	128..Massena Centre.	Massena Springs, 6 m. N.E.
TOWN OF HAMMOND.		129..Barnhart	Massena Springs, 3½ m. N.W.
10..North Hammond	Hammond.2 m. N.W.	130..Hyde	
11..Thousand Island	Hammond..2½ m. W.	TOWN OF MORRISTOWN.	
12..Calaboga	South Hammond, 2 m. N.	53..Black Lake....	Brier Hill..2 m. S.E.
13..Marvin Hill....	Hammond, 4½ m. N.W.	54..Brier Hill.....	Brier Hill.
14..Bickelhaupt	South Hammond, 2 m. S.E.	55..Centre	Morristown..4 m. E.
15..Hammond	Hammond.	56..St. Lawrence....	Brier Hill..2½ m. W.
TOWN OF HERMON.		57..Silver Gems....	Morristown, 6 m. S.E.
154..Elm Grove.....	Richville.3 m. S.E.	TOWN OF NORFOLK.	
155..Marshville	De Kalb Junction, 4 m. S.E.	118..Raymondsville .	Raymondsville.
156..Rosebud	De Kalb Junction, 3 m. S.E.	119..Norfolk System.	Norwood....2 m. N.
157..South Hermon..	Richville.....2½ m. S.	120..Plum Brook....	Massena Springs, 5 m. S.
158..West Hermon..	Richville.....2 m. E.	121..Hyde	Massena Springs, 2 m. S.
159..Porter Hill....	Richville.....6 m. E.	TOWN OF OSWEGATCHIE.	
TOWN OF HOPKINTON.		58..Heuvelton	Heuvelton...1 m. N.
136..Cold Spring....	Hopkinton.	59..Elm Grove.....	Heuvelton...2 m. N.
137..Fort Jackson....	Hopkinton.	60..Fairview	Heuvelton.5 m. S.W.
138..Lyde Brook....	Hopkinton.4 m. S.E.	61..Morning Star....	Morristown..7 m. E.
TOWN OF LAWRENCE.		62..Frontier	Ogdensburgh, 6 m. S.W.
131..Day's	Lawrence...6 m. S.	63..Oswegatchie ..	Morristown.6 m.N.E.
132..Deer River.....	Mosher....4 m. S.W.	TOWN OF PARISHVILLE.	
133..Bagle	Lawrence...4 m. S.	139..Allen Falls.....	Parishville..3 m. N.
134..Lawrenceville .	Lawrence.3 m. S.E.	140..Parishville Cent	Parishville.4 m. W.
135..North Lawrence	Lawrence.	141..West Parishville	Parishville, 5 m. S.W.
TOWN OF LISBON.		142..Falkner	Parishville.
64..Alpha	Lisbon...4½ m. S.E.	143..Highland	Parishville..3½ m. S.
65..Lisbon Centre..	Lisbon....1½ m. N.	TOWN OF PIERREPONT.	
66..Excelsior	Lisbon...1½ m. S.W.	144..Cook's Corners.	Pierrepont Cent., 2 m. N.
67..Sunrise	Heuvelton.3 m. N.E.	145..Pierrepont Hill.	Pierrepont Cent., 2 m. N.
68..Beswick	Madrid....4 m. S.W.	146..West Pierrepont	High Falls.7 m. S.E.
69..Meservey	Lisbon...3 m. S.E.	147..Allen	High Falls.5 m. E.
70..Union	Lisbon...3 m. N.E.	TOWN OF PITCAIRN.	
71..North Lisbon...	Lisbon...3½ m. N.W.	16..Jenney Creek....	Bacon.....2½ m. N.E.
72..East Lisbon....	Lisbon.....4 m. E.	17..Maple Grove....	Bacon.....7 m. N.E.
73..Lisbon Valley...	Lisbon.....4 m. N.		
74..Flackville	Heuvelton, 3½ m. N.E.		

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF POTSDAM.		SCHOHARIE COUNTY.	
91..Empire State....	Potsdam....4 m. W.	TOWN OF COBLESKILL.	
92..Five Corners....	Potsdam.	3..Warnerville ....| Warnerville.	
93..Grass River....	Potsdam....7 m. W.	TOWN OF SEWARD.	
94..Hewettville.	Potsdam...2½ m. N.	1..Seward .....| Seward.	
95..Potsdam	Potsdam...3 m. S.W.	TOWN OF SHARON.	
96..Racquette Val- ley	Potsdam.	2..Argusville .....| Argusville.	
97..High Falls.....	Potsdam....2½ m. S.	5..Sharon .....| Sharon.	
TOWN OF ROSSIE.		TOWN OF SUMMIT.	
1..Steeles Corners..	Keenes.....1 m. E.	4..J. C. Proper....| Eminence.	
2..Hodgkin	Keenes....2 m. N.E.	SCHUYLER COUNTY.	
3..Wegatchie	Keenes....1 m. N.	TOWN OF DIXIE.	
4..Somerville	Somerville, 8 m. N.W.	1..Beaver Dams...| Beaver Dams.	
5..Scotch Settle- ment	South Hammond, 2 m. S.E.	TOWN OF ORANGE.	
6..Rossie	Rossie.....2 m. S.	2..Sugar Hill.....| Sugar Hill.	
7..Dupontville	Rossie.....4 m. S.	SENECA COUNTY.	
8..Bickelhaupt's, Comb. No. 8....	Rossie.....3 m. S.E.	TOWN OF COVERT.	
9..Bickelhaupt's, Comb. No. 11..	Rossie.	1..Elgin .....| Palmer.	
TOWN OF RUSSELL.		TOWN OF SENECA FALLS.	
148..De Grasse.....	Russell....3 m. S.E.	2..Copley's .....| Seneca Falls.	
149..Russell	Russell....2 m. N.	STEUBEN COUNTY.	
150..North Russell... High Falls, 2½ m. S.E.		TOWN OF ADDISON.	
151..Palmerville	Russell....2 m. E.	21..Howell .....| Addison.	
152..Plumb Creek....	Russell....2 m. S.	TOWN OF AVOCA.	
153..Meadow View... Russell..2½ m. N.W.		27..Wallace .....| Wallace.	
TOWN OF STOCKHOLM.		28..Neils' Creek....| Avoca.....7 m. N.W.	
98..Southville	Southville.	TOWN OF BATH.	
99..Elliot	Brasure Falls, 2½ m. S.	24..Kanona .....| Kanona.	
100..Gray's	Brasure Falls, 4½ m. S.W.	TOWN OF BRADFORD.	
101..Richdale	Knapps.	25..Cloverdale No. 8| Bradford.	
102..Riverside	Southville.	TOWN OF CAMERON.	
103..St. Regis Valley	Knapps....3 m. S.	27..Howell's .....| Cameron Mills.	
104..Fenners	Knapps....4 m. S.E.	28..Cameron .....| Cameron.	
105..Winthrop	Brasure Falls, 1 m. S.W.	TOWN OF CANISTEO.	
106..Hayes & Holmes	Brasure Falls, 4 m. S.W.	25..Canistee .....| Canistee.	
107..Brookdale	Brasure Falls, 5 m. N.W.	26..Bassett .....| Canistee...6 m. S.	
TOWN OF WADDINGTON.		TOWN OF CATON.	
112..Ogden Island... Ogden Island.		1..Caton .....| Caton.	
113..Champion	Madrid...4½ m. N.W.	TOWN OF COHOCTON.	
114..Brandy Brook... Waddington.1 m. E.		29..Cohocton .....| Cohocton.	
115..Wagner	Madrid...6 m. N.W.	TOWN OF CORNING.	
116..Brandy Brook... Waddington.2½ m. S.		22..White's .....| Corning.	
117..Sucker Brook... Waddington, 4 m. S.W.		TOWN OF FREMONT.	
SARATOGA COUNTY.		26..Big Creek.....| Hornellsville, 6 m. N.E.	
TOWN OF HALFMOON.		TOWN OF GREENWOOD.	
2..Mechanicville ..| Mechanicville.		16..Cloverdale No. 11	
TOWN OF SARATOGA.		17..Greenwood ....| Greenwood.	
1..Grangerville ....| Schuylerville, 3 m. E.		18..Murray .....| Greenwood...6 m. W.	
SCHENECTADY COUNTY.		TOWN OF HARTSVILLE.	
TOWN OF DUANESBURGH.		23..Call Hill.....| Purdy Creek.	
1..Duaneburgh ....| Mariaville...1 m. W.		24..Cold Spring....| Hartsville.	
TOWN OF PRINCETOWN.		TOWN OF HORNELLSVILLE.	
2..Princetown .....| Rynex Corners, 1½ m. W.		29..Willett's .....| Hornellsville.	
		30..Howell's .....| Hornellsville.	

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF HOWARD.		TOWN OF CANDOR.	
21..Howard	Howard.	15..Candor Elgin...| Candor.	
22..H. Spaulding...	Howard.....6 m. W.	TOWN OF NEWARK VALLEY.	
23..Pond	Howard..4 m. N.W.	4..Greene Valley...| Newark Valley.	
TOWN OF JASPER.		5..Maple Grove....| Newark Valley.	
19..Lime Brook No. 8	Jasper.	6..Willow Brook...| West Newark.	
20..West Jasper....| Jasper.....4 m. W.		16..St. Charles.....| Newark Valley.	
TOWN OF LINDLEY.		17..Model	Newark Valley, 1 m. N.
2..Cloverdale No. 15	Lindley.	18..Blue Grass.....| Jenksville.	
TOWN OF TROUPSBURGH.		19..Perfection	Ketchumville.
7..Troupsburch ...| Troupsburch.		20..Ketchumville ...| Ketchumville.	
8..High Up.....| Troupsburch.		21..Pleasant Hill...| Ketchumville.	
9..E. Troupsburch..| Troupsburch.	4 m. N.W.	TOWN OF NICHOLS.	
10..Hopper	Troupsburch.	7..Lounsbury	Lounsbury.
14..Cloverdale No. 8	Troupsburch.	8..Nichols	Nichols.
	6 m. N.E.	TOWN OF OWEGO.	
	6 m. S.E.	1..Gilt Edge.....| Owego.	
TOWN OF WEST UNION.		2..Hillside	Gaskill.
11..Cloverdale No. 10	Young Hickory.	27..Foster Valley...| Foster.	
12..Cloverdale No. 9	Rexville.	29..Empire	South Apalachin.
13..Cloverdale No. 12	West Union.		1 m. N.E.
15..Brown	West Union.	TOWN OF RICHFORD.	
	Rexville..4 m. N.W.	25..Brookside	Richford.
TOWN OF WOODHULL.		26..Turnpike	Richford...3 m. E.
3..Lime Brook No. 2	Woodhull.	28..Marsh	Berkshire..3 m. N.E.
4..Hedgesville ...| Woodhull.....5 m. N.		TOWN OF SPENCER.	
5..Borden	Borden.	14..Spencer	Spencer.
6..White Clover...| Woodhull....3 m. S.		TOWN OF TIOGA.	
SUFFOLK COUNTY.		3..Clover Hill.....| Strait Corners.	
TOWN OF HUNTINGTON.		9..Smithboro	Smithboro.
1..Clover Leaf.....| East Northport.		10..Tioga Centre....| Tioga Centre.	
TOWN OF SOUTHAMPTON.		24..Fountain Rock..| Halsey Valley.	
2..Bridgehampton..| Bridgehampton..} m.		TOMPKINS COUNTY.	
SULLIVAN COUNTY.		TOWN OF CAROLINE.	
TOWN OF BETHEL.		1..Caroline	Slaterville Springs.
5..Bethel	Bethel.		2 m. S.E.
6..Montaup	Bethel.	2..Crystal Foun- tain	Slaterville Springs.
TOWN OF CALLICOON.		8..Trout Brook...| Speedsville.	
1..Jeffersonville ..| Jeffersonville.		17..Central Butter Co.....	Conklin Centre.
TOWN OF FALLSBURGH.			1 m. S.
8..Elgin	Hurleyville.	TOWN OF DRYDEN.	
TOWN OF LIBERTY.		4..Dryden Lake....| Dryden.....1 m. S.	
2..Empire State...| Stevensville.		5..Etna Co-opera- tive	Etna.
4..Liberty Co- operative	Liberty.	6..Freeville	Freeville.
TIOGA COUNTY.		7..Gee Hill.....| Dryden.....3 m. E.	
TOWN OF BARTON.		8..Howland's	Peruville...3 m. W.
11..Lockwood	Lockwood.	9..Peruville	Peruville.
12..Renix	Renix.	TOWN OF GROTON.	
13..Chemung Valley| Waverly.		10..Groton	Groton.
30..Lockwood Ship- ping Station...| Lockwood.		11..Lafayette	Groton.....3 m. E.
TOWN OF BERKSHIRE.		12..McLean Cream- ery	McLean.
2..Cold Spring.....| Berkshire.		13..McLean	McLean.
23..Eureka	Wilson Creek..1 m. N.	14..Wild Rose	West Groton.
TOWN OF ITHACA.		TOWN OF ULYSSES.	
15..Cornell Univer- sity Dairy.....| Ithaca.		16..Trumansburgh..| Trumansburgh.	

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
WASHINGTON COUNTY.		TOWN OF WALWORTH.	
TOWN OF ARGYLE.		6..Lincoln .....| Lakeside..4 m. S.W.	
7..Argyle .....| Argyle.		TOWN OF WILLIAMSON.	
TOWN OF CAMBRIDGE.		4..Eddy Bros.....| Williamson...2 m. S.	
8..Cambridge .....| Cambridge.		TOWN OF WOLCOTT.	
TOWN OF EASTON.		10..Red Creek.....| Red Creek.	
19..South Easton...| South Easton, 1/2 m. N.		WYOMING COUNTY.	
TOWN OF GRANVILLE.		TOWN OF ARCADE.	
12..South Granville.| Granville....5 m. S.		1..Arcade .....| Arcade.	
13..Middle Granville.| Middle Granville.		2..Sandusky No. 8..| Arcade Centre.	
14..North Granville.| North Granville.		3..Sandusky No. 7..| East Arcade.	
TOWN OF GREENWICH.		4..North Arcade...| Arcade.....4 m. N.	
5..Greenwich .....| Greenwich.		5..Punkshire .....| Arcade.....4 m. N.W.	
TOWN OF HARTFORD.		6..Sandusky No. 11| Arcade.....4 m. S.E.	
15..Old Hartford...| Smiths Basin, 6 m. N.E.		TOWN OF ATTICA.	
16..Hartford .....| Hartford.		52..Park .....| Attica.	
17..South Hartford.| Hartford...3 m. S.E.		53..Attica .....| Attica.	
TOWN OF HEBRON.		54..Attica Centre...| Attica.....5 m. E.	
8..Hebron .....| Hebron.		TOWN OF BENNINGTON.	
9..West Hebron...| Salem....11 m. N.W.		45..Bennington Centre .....| Bennington Centre.	
10..Hebron No. 5...| W. Pawlet..7 m. W.		46..Queen of the Valley .....| Bennington Centre, 6 m. S.W.	
11..Hebron Valley..| W. Pawlet.1 1/2 m. W.		47..Graft .....| Bennington Centre, 6 1/2 m. S.W.	
TOWN OF JACKSON.		48..Elmont .....| Bennington Centre, 4 m. S.	
4..Shushan .....| Shushan.....1/2 m. S.		49..Krauss & Stone | Bennington Centre, 4 1/2 m. E.	
TOWN OF PUTNAM.		50..Ripestein .....| Bennington Centre, 7 m. N.E.	
20..Putnam .....| Putnam.		51..Cowlesville ....| Cowlesville.	
TOWN OF SALEM.		TOWN OF EAGLE.	
6..Salem .....| Salem.		7..Eagle .....| Eagle.	
TOWN OF WHITE CREEK.		8..Cramer .....| Eagle.....4 1/2 m. N.	
1..Hoosick .....| Hoosick.....1/2 m. E.		9..Bliss .....| Bliss.	
2..White Creek...| White Creek.1 m. N.		10..Sandusky No. 6..| Eagle.....4 1/2 m. E.	
TOWN OF WHITEHALL.		11..Wing Station...| Eagle.....5 m. S.E.	
18..Whitehall .....| Whitehall.		12..Sandusky .....| Eagle.....3 m. S.	
WAYNE COUNTY.		13..Star No. 4.....| Bliss.....3 m. S.E.	
TOWN OF ARCADIA.		TOWN OF GAINESVILLE.	
9..Newark .....| Newark.		19..Gainesville ....| Gainesville.	
TOWN OF BUTLER.		20..Silver Springs..| Silver Springs.	
3..Eureka .....| Wolcott.....3 m. S.		TOWN OF JAVA.	
TOWN OF GALEN.		24..Java Centre....| Java Centre.	
1..Clyde .....| Clyde.		25..Java .....| Java.	
TOWN OF HURON.		26..Java Village...| Java.	
5..Huron .....| Wolcott.....3 m. W.		27..Star No. 2.....| Java Centre.3 m. E.	
TOWN OF LYONS.		28..Java Lake.....| Java Lake.	
7..Lyons .....| Lyons.		29..Johnsonburg ...| North Java.	
TOWN OF MACEDON.		TOWN OF MIDDLEBURY.	
8..Macedon .....| Macedon.		55..Dale .....| Dale.	
TOWN OF PALMYRA.		56..G. A. Green...| Dale.....4 m. S.W.	
2..East Palmyra...| East Palmyra.		TOWN OF ORANGEVILLE.	
TOWN OF SAVANNAH.		38..Orangeville Centre Valley..| Orangeville Centre.	
11..Savannah .....| Savannah.		39..Johnsonburgh No. 1.....| Johnsonburgh.	
TOWN OF SODUS.		40..Dutch Flats....| Orangeville, 5 m. N.W.	
12..Sodus .....| Sodus.		41..Green's .....| Warsaw...2 m. S.W.	
		42..Boyce .....| North Java, 4 m. N.E.	

No. and Name of Factory.	Nearest P. O. and Distance from P. O.	No. and Name of Factory.	Nearest P. O. and Distance from P. O.
TOWN OF PERRY.		TOWN OF SHELTON—(Con'd).	
44..Perry	Perry.	33..Strykersville ...	Strykersville.
TOWN OF PIKE.		34..South Sheldon..	Sheldon.....4 m. S.
14..Pike Centennial.	Pike.	35..Tosier	Sheldon.....3½ m.
15..Pike Five Cor- ners	Pike.	36..Victor	Sheldon.....4½ m. E.
16..Campbell Hill..	Pike.....4 m. N.E.	37..Varysburg.....	Varysburg.
17..East Koy.....	East Koy.	TOWN OF WARSAW.	
18..Griffith Corners.	Pike.....3½ m. E.	43..Warsaw	Warsaw.
TOWN OF SHELTON.		TOWN OF WETHERSFIELD.	
30..Sheldon	Sheldon.	21..Wethersfield Springs	Wethersfield Spr'gs.
31..North Sheldon..	Sheldon...4 m. N.W.	22..Hermitage	Hermitage.
32..Yunker	Strykersville.	23..Star No. 1.....	Wethersfield.

